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Lancaster Farming

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These 10 graduating high school seniors were named Tuesday night to receive Farm and Home Foundation Scholarships for the coming school year. They are, left to right, seated: Donalee Meloy, Julie Hartranft, Nancy Henkel and Roxanne Stein. Standing: Wayne Kreider, Robert Weaver, Jr., Jerry Diller, Cynthia Lewis, Karen Overly, and Kathleen Frey.

For Farm Tax Change. . . .

Funk Urges "Yes" Vote

"If all the properties in Lancaster County were reassessed right now, some of our farmers would have to pay so much more in property taxes that they'd be forced to sell their farms," Amos Funk told a news conference Tuesday morning at the Lancaster Chamber of Commerce.

Funk is chairman of the Chamber's agriculture committee, he is a farmer and is active in a number of local and state conservation and agriculture organizations. The news conference had been called to discuss an amendment to Pennsylvania's constitution which could change the method of taxing the state's farmland.

Voters will decide whether or not to adopt the change in the primary ballot on Tuesday, May 15. Funk is a strong supporter of the movement to amend the

(Continued On Page 30)

Ten Students Get Farm And Home Scholarships

Farm and Home Foundation scholarships were awarded Tuesday night to Lancaster County high school seniors who plan to study agriculture or home economics in college.

Funds for the scholarships are derived from a trust set up by the late Elmer L. Esbenshade, one of the founders of the foundation. Each scholarship is worth $400 towards expenses at any accredited college offering a course of study in agriculture and home economics.

This year's winners were:

Jerry L. Diller, son of Mr. and Mrs. Carl M. Diller, 2112 S. View Road, Lancaster. He is graduating from Lampeter-Strasburg, and plans to attend Penn State.

Kathleen Marie Frey, daughter of Mr. and Mrs. Ross Frey, Willow Street RD1. She is graduating from Penn Manor, and plans to attend Messiah College.

Julie Hartranft, daughter of Mr. and Mrs. Ernest B. Hartranft, 35 Lincoln Ave., Ephrata. She is graduating from Ephrata High School and plans to attend Mansfield State College.

Nancy Henkel, daughter of Mr. and Mrs. John H. Henkel, Strasburg RD1. She is graduating from Lampeter-Strasburg, and plans to attend Delaware Valley College.

Wayne Kreider, son of Mr. and Mrs. Ellis D. Kreider, Quarryville RD1. He is graduating from Solanco High School and plans to attend Penn State.

Cynthia Lewis, daughter of Mr. and Mrs. Clarence H. Lewis, Quarryville RD2. She is graduating from Solanco High School and plans to attend Indiana University of Pennsylvania.

(Continued On Page 30)

Farm Calendar

Monday, May 14

Fulton Grange meeting, Oakryn.

Tuesday, May 15

8 p.m. – Ephrata Young Farmers monthly meeting, "Weather and The Farmer", vo-ag department, Ephrata High School.

Wednesday, May 16

6:30 p.m. – Veterinary Nutrition Forum, Holiday Inn, Ephrata.

Thursday, May 17

7:30 p.m. – 4-H County Council meeting, Farm and Home Center.

Elizabethtown Area Pig and Rabbit 4-H Club meeting, home of Stephen Horten, Masonic Homes

Virginia Poultry Festival, Harrisonburg and Staunton, May 17-20.

Saturday, May 19

10 a.m. – Southeastern Pennsylvania Tractor Pull, Tractor Pull Association, Rough and Tumble Museum, Kinzer.

FFA Meat Contest, Kunzler & Co. Inc.

Jeffrey Risser

Risser is First in Soil Meet

Jeff Risser, a local Penn State student, took top individual honors in the thirteenth National Collegiate Soil Judging Contest held recently at the University of Maryland. Penn State's team, composed of Risser, Rich Straub (Philadelphia), Glenn Herrold (Julian), and Kim Sheffer (Dover), placed 2nd in competion.

Texas Tech. placed 1st,

(Continued on Page 15)

There were two Lancaster County 4-H teams at the Invitational Dairy Cattle Judging Contest held last Saturday at Penn State. Photographed on the campus were, front row, left to right: Donna Akers, Jane McSparran, Linda Kauffman and Betty Jo Bitler. Back row: Richard Mellinger, Larry Aaron, Rick Hess and Darryl Bollinger.

County Dominates PSU Competition

Lancaster County 4-H and FFA groups dominated the winners' spots at the Invitational Dairy Cattle Judging Contest held last Saturday at Pennsylvania State University.

With 16 4-H teams participating, the winning team in the 4-H division was from Lancaster County. Coached by N. Alan Bair, assistant county agent, the team consisted of Richard Hess, son of Mr. and Mrs. Richard Hess, Strasburg; Richard Mellinger, son of Mr and Mrs. Albert Mellinger, Strasburg; and Linda Kauffman, daughter of Mr. and Mrs. Robert Kauffman, Elizabethtown RD1. Larry Aaron, son of Mr. and Mrs. William Aaron, Quarryville RD1, served as alternate

Hess also drew top honors as the high individual judging all breeds. He scored the highest in the Ayrshire, Brown Swiss, Holstein and Jersey breed classes.

Also from Lancaster County was the first place FFA team represented by Solanco Area High School. Stephen M. Leiser, Solanco Vo-ag instructor, coached a team of David Bitler, son of Mr. and Mrs. Ralph Bitler, Peach Bottom RD2, Thomas Galbreath, son of Mr and Mrs. Thomas Galbreath, Peach Bottom area; and Wayne Kreider, son of Mr. and Mrs. Ellis Kreider, Quarryville RD1 Fred Lefever served as alternate

High FFA individual for all

(Continued On Page 15)

Local Livestock Market, Auction News

Lancaster Market

Monday, May 7

	Cattle	Calves	Hogs	Sheep
Today	933	112	734	157
Last Week	933	127	1004	185
Last Year	875	169	1076	74

CATTLE: Compared with last Wednesday slaughter steers 50-75, instances 1.00 higher; cows 50-1.00 lower; bulls unevenly steady. Supply included 871 in afternoon auction.

SLAUGHTER STEERS: High Choice and Prime 1050-1450 lb. 47.35-48.85, two lots 1250-1320 lb. 49.00; Choice 950-1450 lb. 45.35-47.60; high Good and low Choice 44.50-45.75, few 46.00; Good 950-1300 lb. 42.35-45.60, 1300-1600 lb 41.60-43.85; Standard and low Good 40.75-43.00.

SLAUGHTER HEIFERS: Choice 750-1000 lb. 42.50-44.50; Good 39.85-43.25.

COWS: Utility and high dressing cutter 35.00-37.50, few 38.00-38.25; Cutter 33.50-36.00; few low Cutter 33.00-33.50.

BULLS: Choice 43.50-45.60, few 46.00-46.25; Good 41.00-43.75; Utility and Commercial 41.50-45.50; few Cutter and low Utility 39.50-41.50.

VEAL CALVES: Prime fully 1.00 higher, other grades fully steady.

VEALERS: Prime 71.00-73.00, few 74.00; Choice 64.50-69.00; Good 58.00-66.50; Standard 50.00-55.00.

SHEEP: Spring lambs 50-1.00 higher.

SPRING LAMBS: Choice 55-85 lb. 42.00-43.00, few Prime 43.00-45.00.

Local Grain

Thursday, May 10

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except for ear corn which is per ton.

The average local grain prices quoted Thursday, May 5, 1973, are as follows:

	Bid+	Offered+
Ear Corn	44.66	51.00
Shelled Corn	1.85	2.11
Oats, Local	.89	1.10
Oats, Western	1.26	1.39
Barley	1.43	1.83
Wheat	2.13	2.32

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Vintage Auction

Tuesday, May 8

	Cattle	Calves	Sheep
Today	911	425	35
Last Week	942	453	39
Last Year	1087	495	64

CATTLE: Compared to last Tuesday slaughter steers mostly steady, cows fully steady; bulls steady to 50 lower.

SLAUGHTER STEERS: High Choice and Prime 1000-1400 lb. 47.25-48.75, individual Prime 1350 lb. 49.00; Choice 950-1400 lb. 45.35-47.85; High Good and low Choice 44.00-46.00; Good 42.25-45.00; Standard and low Good 41.00-43.60, few Standard 40.25-41.00.

SLAUGHTER HEIFERS: Few high Good and Choice 705-875 lb. 41.60-43.60.

COWS: Utility and high Dressing Cutter 35.50-37.75, few 37.75-38.75, couple 39.25-39.35; Cutter 34.00-36.75; Canner and low Cutter 32.00-34.50; few 31.00-32.00.

BULLS: Choice 44.00-46.75, few 47.25-48.35, individual 1180 lb. 51.25; Good 41.50-44.00; Utility and Commercial 41.75-44.50, few 44.50-45.00.

VEAL CALVES: Choice and Prime fully steady, other grades 2.00-3.00 higher. Good demand for calves returned to farm.

VEALERS: Prime 71.00-74.00, few 75.00-77.00; Choice 68.00-72.00; Good 60.00-68.00; Standard 56.00-60.00.

RETURNED TO FARM: Bulk 80-125 lb. Holstein Heifers 87.00-98.00; Utility 70-100 lb. Holstein Heifers 70.00-83.00; Bulk 100-125 lb. bull calves 80.00-86.00, three lots 102-112 lb. 92.00-94.00; Utility 75-125 lb. 55.00-68.00.

SHEEP: Spring lambs mostly steady.

SPRING LAMBS: Few Choice and Prime 35-70 lb. 56.00-67.00; Good and Choice 46.00-56.00.

New Holland Horse Auction

Monday, May 7

Reported receipts of 480 head of horses, mules and ponies; market steady to strong.

Riding horses 175-560; pony mares 25 - 60; driving horses 200 - 510; geldings 20 - 55.

Lightweight killers 10 - 15; heavyweight killers 17 - 18.

Regional Hay Prices

Monday, May 7, 1973

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay and Straw slow and steady.

Alfalfa	50.00-70.00
Mixed hay	40.00-45.00
	few to 55.00
Timothy hay	30.00-40.00
Straw	25.00-30.00
Mulch	15.00-20.00

Lancaster Auction

Wednesday, May 9

	Cattle	Calves	Hogs	Sheep
Today	842	51	497	25
Last Week	1379	76	289	70
Last Year	1301	87	322	49

CATTLE: Compared with Monday slaughter steers uneven, steady to 50 lower, instances 1.00 lower; cows strong to 50 higher; bulls mostly 50 higher, some 1.00 higher. Supply included 901 in afternoon auction.

SLAUGHTER STEERS: High Choice and Prime 1050-1450 lb. 46.75-47.75, few 46.25-46.75; Choice 950-1450 lb. 44.75-47.35, mostly 45.00-47.00; high Good and low Choice 44.00-45.75; Good 42.25-45.25; Standard and low Good 40.50-42.75.

SLAUGHTER HEIFERS: Choice 770-975 lb. 42.85-44.60.

COWS: Utility and high dressing Cutter 35.50-38.00, few 38.00-38.60; Cutter 34.00-36.50; Canner and low Cutter 32.50-34.50.

BULLS: Choice 44.00-47.00, few 47.10-48.85, individual 1355 lb. 50.50; Good 42.00-44.50; Utility and Commercial 42.00-46.60; Cutter and low Utility 40.00-42.50.

FEEDER STEERS: (Private treaty sales) Choice and Prime 690 lb. 59.00, 790-830 lb. 53.25-54.00, 935 lb. 48.50; mixed Good and Choice 750 lb. 49.50.

VEAL CALVES: Vealers 1.00-2.00 higher.

VEALERS: Prime 72.00-76.00; Choice 65.50-71.00; Good 59.00-67.50; Standard 52.00-57.50.

SHEEP: Spring lambs steady to strong.

SPRING LAMBS: Choice 35-55 lb. 55.00-60.00, few 75-82 lb. 41.50-44.00.

New Holland Dairy Cattle

Reported receipts of 72 cows, 4 heifers, 11 bulls; market steady to strong and active.

Holsteins 450 - 1025. Heifers 250 - 560. Bulls 400 - 520.

Green Dragon Hay

Friday, May 7

71 loads hay, including: Few loads Alfalfa 44.00 - 68.00; three loads Alfalfa 91.00 - 100.00; Timothy 35.00 - 44.00; Mixed hay 30.00 - 51.00, few loads 90.00; two loads Clover 42.00 and 76.00; one load Orchard Grass 41.00.

21 loads straw 32.00 - 44.00.

6 loads corn 39.00 - 58.00.

Peoria Cattle

Thursday, May 10

Market not available at time of publication due to technical difficulties.

New Holland Auction

Thursday, May 10

	Cattle	Calves	Sheep
Today	943	323	16
Last Week	1165	367	12
Last Year	682	235	29

CATTLE: Compared to last Thursday slaughter steers strong to 50 higher; cows mostly 1.00 higher; bulls 50-1.00 higher, many at the full advance.

SLAUGHTER STEERS: High Choice and Prime 1050-1400 lb. 46.00-47.75, few 48.00-48.35; Choice 950-1450 lb. 45.00-47.00, few 47.10-47.25; high Good and low Choice 44.25-45.75; Good 42.00-44.60; Standard and low Good 40.00-42.50.

SLAUGHTER HEIFERS: Choice 825-1000 lb. 43.00-45.25.

COWS: Utility and high dressing Cutter 36.50-38.75, several 38.85-39.25, few 39.50-39.85; Cutter 35.00-37.50; Canner and low Cutter 33.00-35.00.

BULLS: Choice 44.00-46.25, few 46.25-47.50; Good 41.00-44.75; Utility and Commercial 42.00-45.50, few 45.60-47.50; Cutter and low Utility 40.25-41.75.

VEAL CALVES: Vealers steady to 1.00 higher. Demand fairly good for calves returned to farms.

VEALERS: Prime 74.00-78.00, few 79.00-81.00, individual 82.50; Choice 68.00-74.00; Good 58.00-67.00; Standard 52.00-58.00; Utility 44.00-52.00.

SLAUGHTER CALVES: Choice 375-450 lb. 54.00-60.00.

RETURNED TO FARM: Bulk 90-120 lb. bulls 65.00-80.00, several 80.00-88.00; bulk 90-125 lb. Holstein Heifers 72.00-90.00.

SHEEP: Insufficient volume for market test.

Monday, May 7

Calf Receipts 78.

Choice and Prime 70-72; Standard 55-60; Good and Low Choice 60-68; Common 45-55.

Back-to-Farm Calves 75-95

Monday, May 7

35 loads of hay and 13 loads of straw sold as follows (prices per ton):

Alfalfa, few loads 57.00-90.00; Timothy 32.00-46.00; Mixed hay 30.50-57.00, few 70.00-72.50; Clover, 2 loads 41.00 and 70.00; Straw 33.00-44.00; Corn, 1 load at 26.00.

Farm Machinery is Dangerous

With spring farming underway, operators of farm machinery are tempted time and again to give children a ride on the tractor or other farm machinery. But don't, even though it may cause them to be unhappy for a short time. Such machinery is too dangerous for small children to play around or ride on.

Extension agricultural engineers at The Pennsylvania State University warn that the same precautions should be observed when working with lawn mowers and garden tractors.

Composite Report

Friday Weekly, May 11

	Cattle	Calves
This Week	3629	911
Last Week	4643	1024
Last Year	4635	991

CATTLE: Slaughter steers closing steady to 50 higher than late last week after losing part of Monday's advance; cows 50-1.00 higher, late week sales at full advance; bulls 50-1.00 higher, instances 2.00 higher. Supply included an estimated 45 per cent slaughter steers, 20 per cent cows and 15 per cent bulls with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 1050-1450 lb. 46.75-48.85, few 49.00 on Monday, few late sales 46.00-46.75; Choice 950-1450 lb. 45.00-47.85, few 44.75-45.00; high Good and low Choice 44.00-45.75; Good 42.00-45.50; Standard and low Good 40.00-43.60.

SLAUGHTER HEIFERS: Choice 705-1000 lb. 42.50-45.25; Good 38.25-42.75.

COWS: Utility and high dressing Cutter 35.00-38.75, late sales mostly 36.50-38.75, several 38.85-39.25, few 39.50-39.85; Cutter 33.50-37.50, late 35.00-37.50; Canner and low Cutter 32.00-35.00.

BULLS: Choice 43.50-47.00, few 47.10-48.85, couple head 1180-1355 lb. 50.50-51.25; Good 41.50-44.75; Utility and Commercial 41.50-46.60, few 46.60-47.50; Canner and low Cutter 39.50-42.50.

FEEDER STEERS: (Private treaty sales) Choice and Prime 690 lb. 59.00; 790-830 lb. 53.25-54.00, 935 lb. 48.50; mixed Good and Choice 750 lb. 49.50.

VEAL CALVES: Vealers 1.00-3.00 higher. Demand fairly good for calves returned to farm.

VEALERS: Prime 71.00-78.00, few 79.00-81.00, individual 82.50; Choice 64.50-74.00, mostly 68.00-73.00; Good 58.00-68.00; Standard 50.00-60.00, mostly 52.00-58.00; Utility 44.00-52.00.

RETURNED TO FARM: Bulk 80-125 lb. Holstein Heifers 72.00-98.00; Bulk 90-125 lb. bull calves 65.00-88.00; three lots 102-112 lb. 92.00-94.00.

Oklahoma City

Thursday, May 10

Market not available at time of publication due to technical difficulties.

COMPLETE LIVESTOCK BUYING SERVICE
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Washington Boro, Pa. 17582
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Phone: (717) 653-5728

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Every Wednesday At 9:00 A.M.
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Kenneth E. Hershey, Sales Manager

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New Holland, Penna.
Abram W. Diffenbach, Manager Phone: 717-354-2194

Hog Prices

Lancaster Market

Monday, May 7

Barrows and gilts steady to mostly 25 lower than last Wednesday.

BARROWS AND GILTS: US 1 220-235 lb. 38.00-38.50;US 1-3 210-245 lb. 36.75-37.25; US 2-3 245-255 lb. 36.25-36.75.

Vintage Auction

Saturday, May 5

HOGS 744: Compared with last Saturday's market.

Barrows & Gilts: $1 to 1.50 higher. US No. 1-2 200-235 lbs. 37.85-38.35; US No. 1-3 200-240 lbs. 37.35-37.85; US No. 2-3 200-245 lbs. 37.00-37.50; US No. 2-4 250-280 lbs. 35.10-37.10; US No. 2-4 110-175 lbs. 34.10-35.60.

Sows: US No. 1-3 360-450 lbs. 31.35-32.10; US No. 2-3 390-655 lbs. 27.00-30.25.

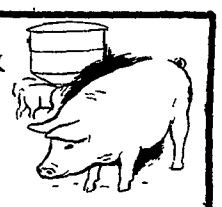
Boars: 30.25-31.25.

Wednesday, May 9

HOGS 550: Compared with last Wednesday's market, barrows & gilts steady to 50 cents lower. US No. 1-2 200-240 lbs. 37.00-37.75, lot 37.85, No. 1-3 200-250 lbs. 36.50-37.00, No. 2-4 240-280 lbs. 33.50-35.50.

SOWS: US No. 1-3 300-570 lbs. 30.00-32.00. B

Boars: 28.00-29.00.



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Lancaster Auction

Wednesday, May 9

Barrows and gilts steady to 25 higher than Monday.

BARROWS AND GILTS: Two lots US 1-2 227-240 lb. 38.00-38.25; US 1-3 200-245 lb. 37.00-37.60; Lot 235 lb. 37.75; US 2-3 220-245 lb. 36.10-36.60; US 2-3 250-270 lb. 35.00-35.85.

New Holland Auction

Monday, May 7

HOGS 704: Compared with last Monday's market.

Barrows & Gilts: $1 to 1.50 higher.US No. 1-2 200-235 lbs. 37.50-38.50; US No. 1-3 200-240 lbs. 37.00-37.60; US No. 2-3 200-240 lbs. 36.50-37.25; US No. 2-4 240-260 lbs. 36.50-37.25.

Sows:US No. 1-3 300-575 lbs. 31.00-33.50

Boars: 30.00-31.00

Lebanon Valley Auction

Tuesday, May 8

355 Head of Hogs

Barrows and Gilts strong to 25 cents higher.

Barrows and Gilts: U.S. 2-3 200 - 230 pounds 37.35 - 38.10; 2-4 195 - 260 36.35 - 37.10; 2-4 150 - 170 30.85 - 31.85.

Sows: U. S. 2-3 300 - 500 pounds 28.00 - 31.00.

Boars: (Few) 28.00 - 29.00.

23 Head of Feeder Pigs

One lot U.S. 1-3 30 pounds 25.00 per head.

St. Louis Auction

HOGS 6000.

Barrows and gilts mostly 25 higher.

BARROWS AND GILTS: US 1-2 200-230 lb. 36.00-36.25; US 1-3 220-240 lb. 35.50-36.00.

Indianapolis Auction

HOGS 2000.

Barrows and gilts steady to 25 higher, instances 50 higher on 250-270 lb. weights.

BARROWS AND GILTS: US 1-2 200-235 lb. 35.75-36.00.; US 1-3 200-250 lb. 35.25-35.75.

SOUTHEASTERN PENNA.

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New York Dressed Meats

Thursday, May 10

Compared with Wednesday, steer and heifer beef weak; veal and calf steady; lamb fully $2 lower; pork cuts steady.

Beef rounds and rough cuts moving best but arm chucks easy. Lamb under pressure with sellers refusing to cut legs as most coolers glutted with loins.

Steer Beef

Prime 600 - 900 pounds 72.50 - 73.00; Choice 600 - 700 72.50 - 73.00; 700 - 800 72.00 - 73.50; 800 - 900 72.50 - 73.00; Good 500 - 800 70.00 - 71.50.

Heifer Beef

Choice 500 - 700 pounds 71.50 - 73.00.

Calf (Skin Off)

150 - 350 Pounds

Choice 86.00 - 92.00; Good 83.00 - 89.00; Standard 79.00 - 82.00.

Veal (Skin Off)

Choice 90 - 150 pounds 117.00 - 122.00; Good 60 - 90 113.00 - 119.00; Standard 60 - 120 95.00 - 98.00.

Lamb

Choice and Prime 30 - 55 pounds 65.00 - 66.00; 55 - 65 61.00 - 63.00.

Choice Beef Cuts

Hinds (Steer) 145 - 190 pounds 80.00 - 82.00; Arm Chucks 90 - 105 64.00 - 67.00; Ribs (7-rib) 34 - 40 89.00 - 93.00; Loins (Trmd) 50 - 70 103.00 - 105.00; Full Plates 49.50; Hinds (Heifer) 120 - 170 79.00 - 81.00.

Fresh Pork Cuts

Loins (Regular) 8 - 14 pounds 69.00 - 72.00; 14 - 17 66.00 - 69.00; Picnics (Regular) 4 - 8 48.00 - 50.00; Boston Butts 4 - 8 61.00 - 64.00; Spareribs 3 pounds down 76.00 - 79.00; Hams (Skinned) 14 - 17 63.00 - 66.00; 17 - 20 60.00 - 61.00.

Kosher Market

Kosher Steer Beef and Lamb: Prices steady both classes.

Lebanon Valley Auction

Tuesday, May 8

403 Head of Cattle

Compared with last weeks market, slaughter steers and cows about steady. Slaughter bulls steady to strong.

STEERS: Choice 1000 - 1250 pound slaughter steers 45.25 - 46.35; Good 43.00 - 45.10; Standard 41.00 - 42.85.

Choice 1000 - 1250 pound slaughter steers 45.25 - 46.35; Good 43.00 - 45.10; Standard 41.00 - 42.85.

HEIFERS: Choice (couple) 43.00 and 43.10; Good (few) 40.35 - 42.60; Standard (few) 38.85 - 40.00.

COWS: Utility and High Dressing Cutter 35.75 - 37.75, couple to 38.25; Cutters 34.25 - 36.35; Canners 32.50 - 34.35; couple shells down to 30.00.

BULLS: Choice (few) 45.00 - 47.10; Good 43.50 - 46.50; Utility and Commercial 41.00 - 45.10; Cutters 38.50 - 40.00.

163 Head of Veal Calves

Prime (few) 69.00 - 72.50; Choice (few) 67.00 - 69.50; Good (few) 64.00 - 66.00.

Farm Calves: Holstein Bulls 85 - 150 pounds 65.00 - 80.00; Holstein Heifers 80 - 150 75.00 - 104.00.

16 Head of Sheep

Choice 70 - 100 pounds (few) spring slaughter lambs 38.00 - 44.00; slaughter ewes (few) 8.00 - 18.00.

PEORIA AUCTION

HOGS 4000

Barrows and gilts steady to instances 25 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 35.50-36.00, 25 head 36.25, US 1-3 200-250 lb. 35.00-35.50.

Futures Trading

(Closing bids as of Thursday, May 10)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
May			8.25	45.15
June	45.40	38.25		47.00
July		38.45		51.75
August	44.70	37.50		53.75
September				57.90
October	44.35	36.10		54.50
November			3.60	55.95
December	44.40	36.00		58.00
February '74	44.45	36.75		
March			4.30	
April	44.27	35.05	4.62	

Trend - Cattle are stronger, Hogs are stronger, Potatoes are weaker, and eggs are mixed.

a-asked.....b-bid.....n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending May 4

CATTLE 7219, compared with 6819 head last week, and 7175 head a year ago. Compared with last week's market, slaughter steers steady to 25 cents lower. Slaughter heifers unevenly steady. Slaughter cows weak to 50 cents lower. Slaughter bulls mostly strong to 25 cents higher.

STEERS: High Choice and Prime 46.75-48.85, Choice 45.00-46.75, Good 42.75-45.00, Standard 40.25-42.75, Utility 38.50-40.25.

HEIFERS: Choice 42.75-44.25; Good 40.35-42.75, Standard 38.35-40.50, few Utility 36.75-38.25.

COWS: Utility and High Dressing Cutter 35.50-37.85, few to 39.00, Cutters 33.70-36.00, Canners 30.80-33.70, Shells down to 27.00.

BULLS: Choice 43.00-46.00, Good 41.75-43.75, Utility and Commercial 40.25-43.50, few to 45.00, few Cutters 37.00-39.25.

FEEDER CATTLE: Good and Choice 300-500 pounds feeder steers 44.00-60.00, Medium 400-700 pounds 40.00-47.00; Good 250-550 pounds feeder heifers 43.00-53.00.

CALVES 2967, compared with 3329 head last week, and 3632 head a year ago. Vealers mostly steady.

VEALERS: Prime 70.00-73.00, few to 74.00, Choice 67.50-71.00, Good 62.00-67.50, Standard 56.50-62.00, few Utility 90-120 pounds 46.00-53.00, few 70-85 pounds 40.00-46.00 Farm calves active. Holstein Bulls 80-130 pounds 60.00-89.00; Holstein Heifers 80-150 pounds 65.00-96.00, few to 106.00.

HOGS 6708, compared with 6675 head last week, and 7203 head a year ago. Barrows & Gilts steady to 25 cents lower.

BARROWS AND GILTS: US 1-2 200-240 pounds 36.25-36.75, few to 37.00, 2-3 200-250 35.50-36.25, 2-4 200-260 34.80-35.50, 2-4 140-190 30.00-34.50.

SOWS: Weak to $1 lower. US 1-3 275-580 pounds 29.50-32.00, few to 33.50, 2-3 300-600 29.00-31.00.

BOARS 25.00-29.00.

FEEDER PIGS 517, compared with 499 head last week, and 804 head a year ago. US 1-3 20-35 pounds feeder pigs 20.00-26.00 per head, 1-3 35-50 27.00-33.00 per head.

SHEEP 879, compared with 1535 head last week, and 505 head a year ago. Choice 40-70 pounds spring slaughter lambs 41.00-46.00, 60-110 35.00-41.00, Good 70-100 38.50-41.00. Slaughter ewes 8.00-18.00.

Omaha Cattle

Thursday, May 10

Slaughter steers 25-50 cents higher than previous midweek and heifers mostly steady, instances 25 cents higher. Cows closed fully 50 cents higher and bulls were steady. The modest feeder supply sold strong to 50 cents higher.

Four day receipts 15,600 as compared 15,300 previous week and 19,100 a year ago. Slaughter steers made up approximately 29 percent and heifers 40 percent. Cows 13 percent, feeders 14 percent. Liberal share steer and heifer supply of Choice grade and most were relatively free of mud. Rain fore part of week again curtailed marketings. Fed cattle trade followed much the same pattern as previous week with prices advancing on the early rounds under an aggressive demand stimulated by higher carcass prices which developed late the previous week. Again, however prices pointed downward at mid-week and a part of the early upturn was lost.

Average cost slaughter steers first three days 45.36 average weight 1119 pounds as compared 44.87 and 1117 pounds previous week and 34.83 and 1143 pounds a year ago.

FEEDERS: Outshipments approximately 2000 head from regular market trading as compared 2300 previous week, supply largely fleshy two-way steers with moderate volume yearling heifers.

Try A Classified Ad!

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to date	471,000	1,217,000	155,000
Same period last week	447,000	1,288,000	144,000
Same period last year	486,000	1,310,000	151,000

Poultry Market Reports

Egg Market

Wednesday, May 9
Philadelphia Eggs

Prices steady. Cartoning demand mixed ranging fair to occasionally good where features involved, generally on mediums. Offerings of mediums barely adequate; other sizes fully adequate. Undertone fully steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door A Extra Large 53-54½; A Large 52-53½ A Medium 48-49½.

Wednesday, May 9
Baltimore Eggs

Market steady. Demand fair. Supplies of large ample, mediums irregular.

Cartoned eggs: Prices to retailers, state grades (min. one case sale) white Grade A Large 56-62, mostly 56-59; Grade A Medium 52-56.

Eastern Pa. and N. J.

Wednesday, May 9
LIVE POULTRY

Prices higher on light type hens. Demand good for limited offerings. Plants generally operating only part-time. Offerings of heavy type hens short of a fairly good interest. Prices Paid at Farm: Light type hens 10-14½, mostly 13½-14 in Pa., mostly 13-14 in N.J. Heavy type hens TFEWR.

Delmarva

Wednesday, May 9
Broiler-Fryer Market

Ready-to-cook movement continues active with supplies generally short of full call. Slaughter schedules heavy though hampered in instances as help moves to other summer work. Less than trucklot prices 1 cent higher on both plant and US Grade A. Live supplies continue ample with weights within a wide range but generally heavier than desired. Undertone firm. Negotiated trucklot prices 2-3 lb. ready to cook boiler-fryers for delivery next week: Plant Grade 42-42½. Pool trucklot prices for Thursday arrival U.S. Grade A 43-46 mostly 43-43½; Plant Grade 42-44, mostly 42-42½.

Fogelsville

Tuesday, May 8
(Prices paid dock weights, cents per lb.)

Light type hens 13½-15, mostly 11-15; Heavy type hens 30-36; Pullets 36-47, mostly 40-43; Roasters 37½-51½; Ducks 64-70; Drakes 50; Turkeys-hens 43; Rabbits 70-85, mostly 80-82; Guineas 1.10-1.16; Pigeons (per pr.) 1.31-4.23.

Total coops sold 311.

Auction every Tuesday. Poultry received Monday 7 p.m. to 10:30 p.m., Tuesday 7 a.m. to 12 Noon, Sale at 11:30 a.m.

Directions - Take Rt 22 thruway. Exit at Fogelsville Exit. North on stoplight in Fogelsville. Turn left, proceed 1 mile.

Weekly New York Egg Market

From Monday, May 7th to Friday, May 11

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	48	48	48	49	49
Large	48	48	48	49	49
Mediums	45	45½	45½	46½	46½
Pullets	37	38	38	40	40
Peewees	23	25	25	27	27
BROWN					
Fcy. Large	52	52	52	53	54
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	43	43	43	43	43
Checks	32	32	32	32½	32½

Long Tone - Steady to Firm

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New England Weekly Shell Egg Report

Tuesday, May 8

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

BROWN	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	58-63	55-59	52-58	36-42
Mostly	59-61	56-59	53-56	37-40
NEW HAMP	59-67	56-64	52-61	37-45
Mostly	61-62	58-59	55-56	39-40
R.I.	61½-62½	58½-59½	55½-56½	39½-40½
Mostly				
VERMONT	61-67	59-65	57-61	TOO FEW
Mostly				
MAINE	63-65	60-62	57-59	41-43
Mostly				

+Includes Central & Western Sections Only.

Soil Temperatures

Reporting From Southeast Research Center, Landisville
Week Ending May 11

Degrees	Date
2 Inches Bare	
55	8
61	9
60	10
63	11
4 Inches Bare	
55	8
58	9
56	10
60	11
2 Inches Sod	
54	8
58	9
57	10
60	11
4 Inches Sod	
54	8
56	9
56	10
58	11

Fix-It Tip

Outdoor living means outdoor lighting. Lights at eye level cause glare so they should be placed 10 to 20 feet off the ground. So that large areas will be lighted, use floodlamps or bulbs in flood reflectors.

Use weatherproof sockets and floodlamps with weather-resistant glass. While you may think in terms of posts for overhead lights, don't forget they may be mounted on the sides of buildings and in trees.

If you lack an outdoor outlet, have an electrician install a separately fused circuit especially for your outdoor needs. Cable is then run from this in metal conduit to a waterproof metal splice box. Wiring may be run from here to the places where you want your lights.

TRY A CLASSIFIED AD

Labeling and Packaging Requirements Updated

The U.S. Department of Agriculture (USDA) has standardized requirements for labeling and packaging vaccines and other biologics sold for use in animals.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS) said that--except for a few new labeling requirements--the change merely incorporates into the Code of Federal Regulations existing administrative memorandums, notices, and policies affecting manufacturers licensed under the Virus-Serum-Toxin Act of 1913.

APHIS had proposed the change in December 1972. Comments were received from 15 persons during the 60 days set aside for this purpose. Most of the suggested changes were adopted in the final version, including provisions for extending the number of species for which a rabies vaccine may be used if the efficacy and dosage level are properly substantiated.

In packaging and labeling their products--under the new regulations--foreign and domestic manufacturers will be required to:

-- Comply with labeling requirements for products imported for research and evaluation in the United States.

-- Follow new labeling requirements for modified live virus rabies vaccines. (Inactivated rabies vaccines already are subject to similar labeling requirements.) Labels have to carry warnings limiting vaccination to designated species of animals; establish dosages; and recommend vaccination schedules. Manufacturers must substantiate efficacy of their vaccines for all animals listed on the label. Previously, this data was required for only six species: dogs, cats, cattle, horses, sheep, and goats.

At the same time, however, the new regulations relax labeling and packaging requirements for exported products, subject to restrictions against reimportation. Basically, APHIS now will allow export shipments in sealed shipping boxes marked as to contents without inclusion of individual package labels

The amended regulations were published in the Federal Register May 10. They will become effective June 11-except for those involving the labeling of rabies vaccines. To allow manufacturers time to print these new labels, they will have until November 6, 1973, to comply.

Lancaster Farming
Lancaster County's Own Farm Weekly
P O Box 266 - Lititz, Pa 17543
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Care Key To Food Poisoning Prevention

Exposure of some foods to summer temperatures could lead to food poisoning and dangerous consequences, reminds Ruth J. Buck, Extension nutrition specialist at The Pennsylvania State University. Although cream pies, custards and potato salads are frequently food poisoning culprits, anything made partly or wholly of milk products, eggs, meat, poultry, fish and shellfish harbors bacteria that will grow at alarming rates in hot weather.

By maintaining the temperature of your refrigerator at 45 degrees F. and the freezer compartment at 0 degree F. or lower, you can be reasonably sure of food storage for three or four days Leave space between containers to assure air circulation

Refrigerate all perishables as soon as you get them home Leftovers of large quantities should be divided into smaller containers and refrigerated as soon as possible

After handling raw meat or poultry, wash your hands and any kitchen utensils you used. Never bring raw meat in contact with foods which will be eaten raw or only slightly cooked, since only high cooking temperatures will kill bacteria.

Your refrigerator will cool foods more efficiently if it is kept clean both inside and out. Keep the drip pan free from lint and dirt. Allow no more than a quarter-inch of ice to accumulate on the cooling coils. Check the latch and gaskets for a snug fit.

Perfumes, Colognes and Toilet Water

Your favorite scents are fashion accessories to be enjoyed every day. Mrs. Ruth Ann Wilson, Extension clothing specialist at The Pennsylvania State University, says perfumes can evaporate or spoil from exposure to cold or heat, so you may be disappointed if you save your perfume only for special occasions

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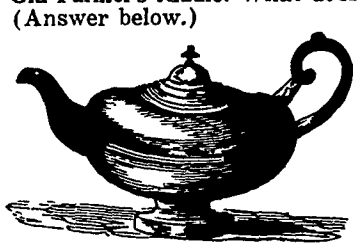
THE OLD FARMER'S ALMANAC

MAY 14-20

May is picking violets on a hill.

Repair pleasure boats now . . . Christopher Columbus died May 20, 1506 . . . Full Flower Moon May 16 . . . The nickel was born 1866 . . . Average length of days for week, 14 hours, 42 minutes . . . Armed Forces Day May 19 . . . School attendance compulsory May 18, 1852 . . . Woodpeckers and wrens are back . . Great St. Louis fire destroyed 30 steamboats May 17, 1848 . . . Nothing is certain except the unexpected.

Old Farmer's Riddle: What does a ship weigh before moving? (Answer below.)



Ask the Old Farmer: Will you please tell me what a "horse-boat" is? V. R., Alexandria, La.

It's a new one on us. Perhaps it has something to do with "horsepower." That is, horses used to haul loads and operated machinery of various kinds by walking on a tread-mill. We have seen circular saws and grist-mills operated in this manner. It is probable that a horse-driven tread-mill operated paddle-wheels in this boat.

Home Hints: For a better shine, rub children's scuffed shoes with a raw potato before polishing . . . Cover a steel-wool scouring pad with cloth for a pincushion that keeps needles sharp . . . *Riddle answer* Its anchor.

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy to start, then scattered showers; end of week clear and very warm.

Greater New York-New Jersey: First half of week cloudy and cool; rain and very cool latter part.

Middle Atlanic Coastal: Week begins cloudy and warm, then rain; rain continuing to end of week and cool.

Southeast Coastal-Piedmont: Cloudy and cool to start, then rain; clear and mild latter part.

Florida: Most of week cloudy and hot, then rain latter part; clear and cool on weekend.

Upstate & Western N.Y.-Toronto & Montreal: Cloudy and warm most of week; rain and cooler latter part.

Greater Ohio Valley: Rain and hot first part of week; rain continuing to end of week and cooler.

Deep South: Cloudy and cool to start, then heavy rain; clear by end of week.

Chicago and Southern Great Lakes: Rain all week; temperatures cool to start, then warm on weekend.

Northern Great Plains-Great Lakes: Rain and cool most of week; cloudy and cool on weekend.

Central Great Plains: Rain, heavy to start, and cool; rain continuing to end of week.

Texas-Oklahoma: Week begins clear and very hot, then rain at midweek; clear and hot latter part.

Rocky Mountain Region: Light rain and cool to start, then clear and very warm to end of week.

Southwest Desert: First part of week cloudy and cool; latter part clear and very hot.

Pacific Northwest: Moderately heavy rain to start, then clear at midweek; light rain and warm latter part.

California: Rain and cool at first, then clear and warm; showers end of week.

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Shopping for Specials

Stores offer specials for a number of reasons. Extension specialists at The Pennsylvania State University say supermarkets use specials to compete with other stores, to increase store traffic by attracting customers to the store, and to sell other food items as well as the specialized items. Wise shoppers keep their eyes open for the specials as well as keeping their shopping lists flexible enough to take advantage of other buys.

Order 4 Milk Prices

March Order 4 (Phila.)+ Milk Prices

Base milk price	$7.52
Excess price	$5.53
Butterfat differential	$.074++

+Producers shipping to plants located within 55 miles of Philadelphia receive an additional .06 per hundredweight.

++Butterfat differential is .074 cents per point above or below 3.5 percent.

The March uniform price for base milk decreased 8 cents from the previous month. Excess milk showed an increase of 3 cents.

In comparison to March levels one year ago, base milk was up 51 cents and excess up 56 cents.

The weighted average price for the market was $7.27 - an increase of 50 cents over March 1972.

A total of 401 million pounds of producer milk was pooled in March of which 66.28 percent was sold as Class I, showing a decrease of 1.13 percent of deliveries made in February, and 1.48 percent increase over March a year ago. 8210 Order No. 4 producers provided 12.9 million pounds per day to dealers during March, averaging 1576 pounds per day per farm. Total value of producer milk was set at $29,272,743.03 for the month.

Of the $171 billion spent for social welfare in fiscal 1971 by federal, state and local governments, more than half, or $92 billion, came from federal taxes.

Help Us Serve You

Don't assume we know about your farm organization's meeting. To get your meeting on our Farm Calendar, it's safer to assume we don't know.

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E Main St., Lititz, Pa. 17543. You'll be helping us to serve you better.

P S — If you're not sure you told us already, we don't mind hearing from you again.

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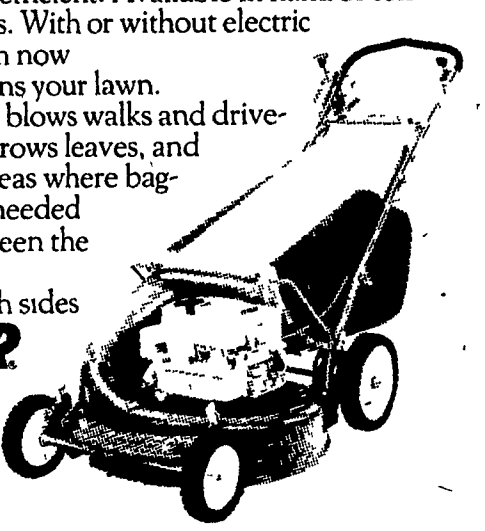

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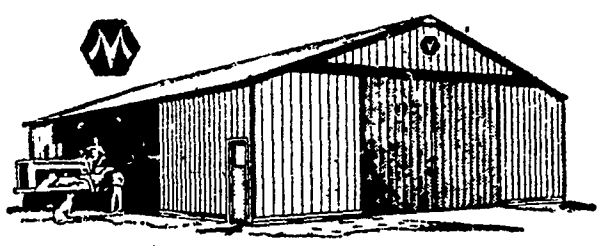

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2"x10"-	10'	12'	14'	16'

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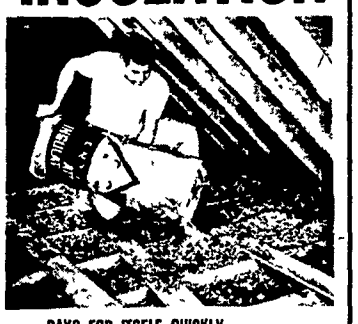

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Area Farm Show Dates Announced

Pennsylvanians will have an opportunity to attend a total of 109 agricultural fairs this season. The season got underway with the Pennsylvania Maple Festival, Myersdale, Somerset County, held on April 5 through 8. It will end with the Pennsylvania Farm Show in Harrisburg next January 7 through 11.

Fairs in the LANCASTER FARMING readership area, by county, are:

Lancaster County - Sept. 19-21, Southern Lancaster County Community Fair, Quarryville; Sept. 25-29, Ephrata Fair, Ephrata; Sept. 26-28, West Lampeter Community Fair, Lampeter; Oct. 3-6, New Holland Farmers Fair, New Holland; Oct. 10-12, Manheim Community Fair, Manheim.

Chester County - July 18-28, Kimberton Fair, Phoenixville; July 30-Aug. 4, Goshen County Fair, West Chester; Oct. 10-13, Unionville Community Fair, Unionville.

York County - Aug. 6-11, Great Dallastown Fair, Dallastown; Sept. 11-15, York Inter-State Fair, York; Oct. 18-20, Dillsburg Community Fair, Dillsburg.

Lebanon County - Aug. 13-18, Lebanon Area Fair, Lebanon.

Berks County - Aug. 20-25, Kutztown Fair, Kutztown; Aug. 29-Sept. 3, Reading Fair, Reading; Sept. 25-29, Oley Valley Fair, Oley.

Dauphin County - Sept. 16-22, Gratz Fair, Gratz.

Redoubling of Efforts to Wipe Out Hog Cholera Urged

Officials of the U. S. Department of Agriculture (USDA) urge hog producers, truckers and market and slaughter establishment operators to continue looking for hog cholera despite an all-time low in this disease.

No confirmed hog cholera cases have been disclosed in the 50 states since February 7 when a herd was found infected in Virginia. The infected herd was destroyed and the owner was indemnified for losses.

Puerto Rico experienced two recent cases, on March 22 and 23 and is the only area currently under federal quarantine for hog cholera.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS) say we are now approaching a period when hog cholera outbreaks have reached seasonal highs in past years, during farrowing, and when shipping and marketing activities are prevalent.

The previous longest period with no hog cholera reported nationally was 37 days in late 1971. Over 80 days have passed since the last case was diagnosed in mainland United States.

Dr. E. E. Saulmon, deputy administrator of APHIS Veterinary Services, urged all representatives of the swine industry to redouble their efforts to wipe out hog cholera. "No one thinks we've seen the last of this disease", he emphasized, so let's find the trouble spots now before they can spread."

Hog cholera, caused by a virus, used to be the nation's number one killer of swine. A state-federal cooperative program to eradicate the disease, launched in late 1962, has succeeded in wiping out infection in 41 states now classified as "hog cholera free" by USDA.

The disease does not affect animals other than swine and poses no health risks to humans.

APHIS officials warned hog producers against feeding raw or improperly cooked garbage to swine. The disease may be passed to hogs through uncooked pork scraps or bones.

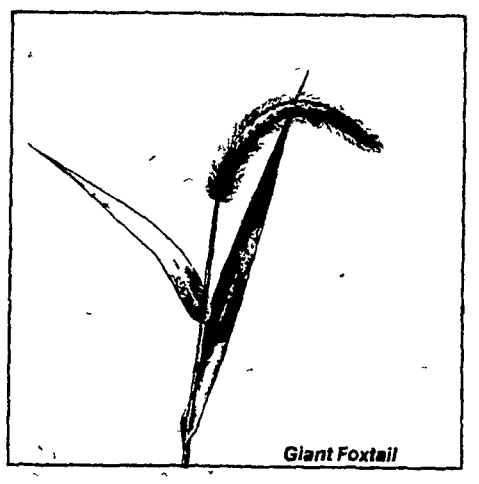
Producers were also cautioned to be on the alert for the disease in baby pigs. APHIS veterinarians pointed out the sows which contract hog cholera virus during pregnancy can base it to their offspring without showing disease signs themselves. Baby pigs, born with hog cholera, may not appear ill until they are weaned or otherwise put under stress.

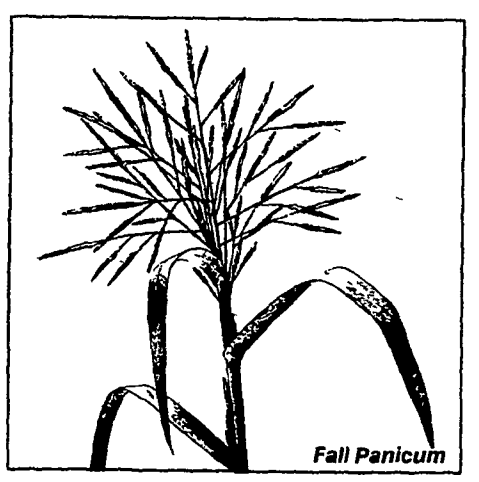
Baby pigs can spread hog cholera to other pigs in the herd. So it's important for hog producers to watch their whole herds and not just the little pigs. Any suspected hog cholera should be reported to animal health officials immediately.

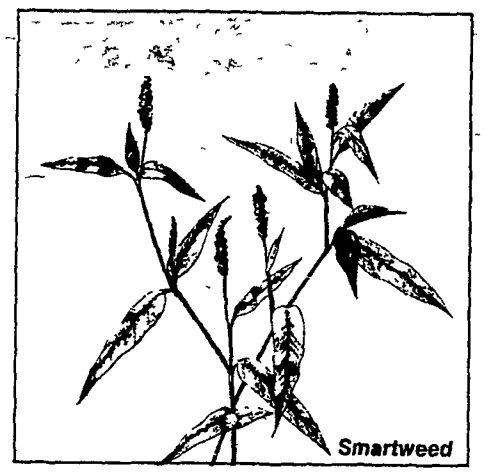
Tax Bite Tops $5,000

Total government (federal, state and local) tax collections in fiscal 1973 will be the equivalent of $5,070 per American household, according to the Tax Foundation, Inc.

Lasso® for Your Weeds







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It can also help you build a weed control program based on your rotation system, application method, soil types and more.
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ED ESHLEMAN'S WASHINGTON REPORT

One of the questions on the poll I distributed several weeks ago asked for a choice between the pollution crisis and the energy crisis.

There was some comment about that question to the effect that both are important, and a person should not have to choose between them.

No one would quarrel that both our energy problems and our pollution problems are important and both must be solved. The question, however, is really one of priorities. How do we go about stopping the deterioration of our environment without making unreasonable demands on our energy resources, and how do we meet our increasing energy needs without contributing further to the pollution crisis?

This matter of priorities is being raised right now with regard to automobile emission standards. Congress, in making its determination of what pollution standards should be for cars, considered only the environmental factors. But now, it is becoming more and more apparent that anti-pollution devices are causing far greater fuel consumption.

Environmentalists make the very legitimate point that if Americans would settle for smaller, lighter cars, the fuel consumption problem would not be so great. But even so, smaller cars would be getting better mileage, too, if they did not have the anti-pollution devices attached to their engines.

Does this mean that we backtrack on our commitment to take the automobile out of the pollution problem? Certainly not. What it does mean though is that there is an interrelationship between pollution and energy that is going to have to be taken into account in future decision making.

This interrelationship is a two-edged sword. Nuclear powerplants are said to be one good way to supply more electricity. But our need for this additional energy must be evaluated along side the fact that nuclear plants have some environmental hazards connected with them. For instance, the water used in the process becomes so hot -- the term for it is superheated -- that it cannot be cooled in a conventional way without endangering plant and animal life in and around the stream where the plant is located.

There seems to be a growing concern about the energy crisis, and it will grow faster if we begin to experience the predicted gasoline shortages and-or electrical brownouts. The concern is likely to bring with it calls for abandoning environmental goals to get more energy quickly

But the energy crisis like the pollution crisis is not something that can be met with overnight solutions. Time will be needed to develop a balanced energy program, and there is no reason why that program cannot also be designed in such a way that our environment is protected.

However, meeting these two goals is going to demand compromises unsatisfactory to both extremes. Maybe the best indicator of whether or not a program or a piece of legislation is going in the right direction will be when both the environmentalists and energy promoters are unhappy with it.

Penn State To Host 26th Meat Conference

Approximately 300 recognized authorities in the meat science field from throughout the United States and several foreign countries will convene on The Pennsylvania State University campus June 17-20 for the 26th Annual Reciprocal Meat Conference of the American Meat Science Association.

Highlights of the conference will include the presentation of 100 technical papers, association committee meetings, special activities for the wives and children, the annual awards banquet, and special intercollegiate and youth activities.

Dr. John D. Sink, Penn State professor of meat science, is serving as general conference chairman.

Sessions will get underway Monday morning, June 18, in the J. O. Keller Building. Keynote speakers will be Harold B. Hendrick, of the University of Missouri, president of the Meat Science Association; Dr. John W. Oswald, president of The Pennsylvania State University; Dr. B. R. Baumgardt, head of the Penn State Department of Animal Science; and Dr. Donald V. Josephson, chairman of the Division of Food Science and Industry at Penn State.

Special programs also will be held June 18, including an intercollegiate seminar on teaching cured products and sausage appraisal, and the value of meat judging and evaluation contests.

The presentation of technical papers and research projects will begin June 18 and continue through June 20. Topics include the chemistry of flavor, meat animal growth and development, processed meats, continuing education, meat marketing, and feed additives.

Three of the nation's outstanding meat scientists will be honored at the annual recognition banquet June 20. Awards will be presented in the areas of Teaching, Research, and Extension-Industry Service.

Special sessions will be held for the Intercollegiate Meat Judging Coaches Association, Extension Service staff members, graduate students, and a review of special U.S. Department of Agriculture research projects.

In 1972 the U. S. press invested 24 cents in newsprint paper for every $1.00 of advertising revenue.

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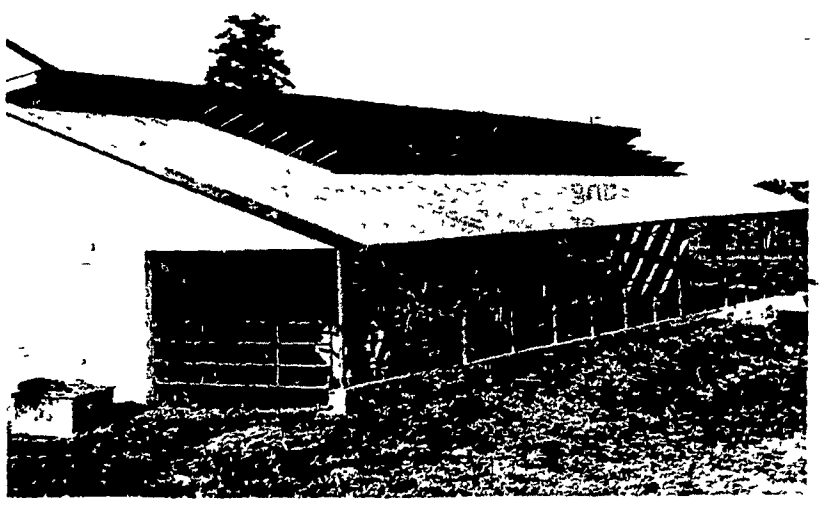

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Leadership Conference Attended By Chester County 4-H'ers

Four Chester County 4-H members were among the 133 4-H members from Pennsylvania who recently took part in the Northeast States 4-H Teen Agribusiness Conference in Washington, D.C. Those attending from Chester County were Joan Liesau, Spring City; Pam Taws, Paoli; Ernest Pyle, Malvern; and Charles Soulliard, Steelville.

The conference, held at the National 4-H Center, was designed for 4-H members to explore career opportunities in agribusiness, become aware of the role and need for strong agricultural leadership, and become acquainted with leaders of business, industry, government and education.

The conference was made possible by contributions from state and county agricultural organizations and industries in the form of scholarships. These scholarships were used to defray the conference costs for the 4-H'ers.

While at the nation's capitol, the group participated in group discussions and assemblies, took bus tours to points of interest, a boat ride down the Potomac to Mt. Vernon and were involved in numerous recreational activities.

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NEWS AND VIEWS ON FARMING

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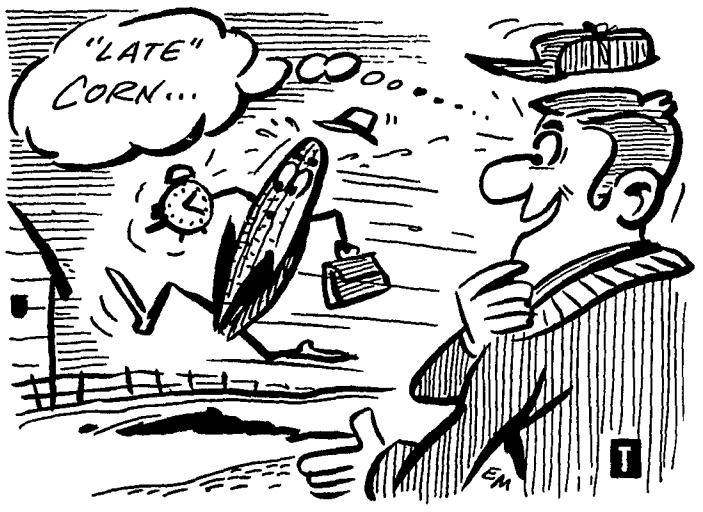

When a no-till farmer describes his operation as "rotated double-cropping with barley beans following corn in rye winter cover," the non-no-till farmer might well respond: "How you goin' to harvest a mess like that?"

No-till, or no-tillage, doesn't mean "no-tillage." Rather, it refers to a variety of crop production systems employing a reduced or limited amount of tillage. How "limited" depends on who you are and where you live

No-tillage crops and rotations have created a number of terms that may be confusing to some. "Double-cropped soybeans," for example, doesn't mean two crops of soybeans, but rather soybeans planted after harvest of another crop the same season.

Date of planting and crop maturity terms often become confusing, too. When a no-till farmer refers to his "full-season corn," he generally means it was planted early. "Late corn" doesn't mean a full-season maturity rating, but rather a late planting date. "Early beans" means early planting . . . not early maturity. Double-cropped soybeans are often referred to as late beans . . . which again has nothing to do with the soybean variety.

As no-till farmers spread their seeds throughout the land, specific herbicides for all no-till areas are also catching on. According to *No-Till Farmer* magazine, some 52 herbicide combinations were recently evaluated for no-tillage corn planted in fescue sod during 1972. Of the nine herbicides that received excellent weed control scores, the herbicide combination of AAtrex/Princep led the field, pointing out the need for both broadleaf and grass control.

There are many good things to say about no-tillage, and many no-till farmers are saying them. One of them noted: "No-tillage allows you to get in the field a lot earlier so there's not much conflict between chopping that first cutting of hay and corn planting. . . . Minimum tillage is saving our soil, adding an extra hay crop and, perhaps more importantly, cutting down on man-hours per acre."

Water Roses

Make sure that newly-planted roses get plenty of water, say Extension ornamental horticulturists at The Pennsylvania State University. Direct a small, slow-moving stream of water from a garden hose around the base of each plant. Soak to a depth of eight to 10 inches.

The Big One

The tallest iceberg ever recorded was found by the U.S. Coast Guard icebreaker Eastwind in 1957. The huge berg towered 550 feet above the surface of the water — and only one-eighth to one-ninth of its total mass was surfaced.

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Vote "Yes" For Open Space

When William Penn became the Commonwealth's first governor, he wrote a letter to the Committee of the Free Society of Traders in England. In part of the letter he said:

"The country itself, its soil, air, water, seasons and produce, both natural and artificial, is not to be despised. The land containeth divers sorts of earth, as, sand, yellow and black, poor and rich: also gravel, both loamy and dusty; and, in some places, a fast fat earth, like our best vales, in England; especially by inland brooks and rivers. . .The air is sweet and clear, the Heavens serene, like the south part of France rarely overcast. . .I bless God, I am fully satisfied with the Country and the entertainment I got in it. . ."

Governor Penn might write a different letter today. He might no longer be fully satisfied with the country.

Since Penn's day, we've destroyed much of the beauty that made the state an attractive haven for many of Europe's oppressed religious minorities. Where once there were forests, fields and clean streams, there are now too often parking lots, super highways and streams that carry more filth than water.

Much of the state's open space has been gobbled up in the name of progress and profit. People are beginning to ask, though, if "progress" is worth the price of having large areas of the state paved over. They're beginning to ask, "Is more of everything -- more buildings, more roads, more people -- is this always progress?"

We think the answer is no. We think open space is one of our most valuable -- and most abused -- resources. There are many acres of parks and state forests in the state which will always remain open. But the biggest portion by far of all the open space is owned privately by farmers. If farmers can be encouraged to keep farming their fields, everyone will benefit. If farmers feel compelled to sell their lands to developers and speculators, then everyone will lose.

Many farms in Lancaster County keep going up in value because of their proximity to commercial and residential areas. Tax increases must ultimately follow increases in market values. Those tax increases can be so crippling they virtually force farmers to sell their land for the simple reason that they can long afford to farm it.

This threat can be forestalled, though, if voters approve a constitutional amendment on the ballot in the May 15 primary.

The amendment would permit agricultural land to be taxed on the basis of its use and to be set aside as reserves for the enjoyment of generations yet to come. Like the environmental protection amendment which the voters overwhelmingly approved two years ago, it is not self-enforcing. The General Assembly would have to implement it with legislation - and legislation carefully drawn to avoid the mistakes made elsewhere, notably in New Jersey.

But the amendment can lay the groundwork for saving what is left of the beauty of Penn's Woods. We join former Republican Gov. William Scranton, former Democratic Gov. George Leader, environmental and sports and agricultural organizations in urging Pennsylvanians to vote yes.

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

To Stop Using Stilbesterol

As of several weeks ago, it is illegal to use the hormone, stilbesterol, in cattle and sheep feeding operations. For the past year it was not to be included in the feed and more recently the Food and Drug Administration outlawed its use as an implant. This means that stilbesterol pellets should not be implanted in the ear of either cattle or sheep. The reason seems to be of the possible danger of causing cancer in human beings. Therefore, producers should comply with this regulation at once. However, there are some other implants that continue to be approved and will give additional daily gains and added efficiency. Feeders may contact their local feed dealers to get this information

To Inspect Alfalfa Fields

Our insect Extension Specialists at Penn State remind us of the possibility of serious damage to the first crop of alfalfa this spring from alfalfa weevil. Fairly high numbers of adult weevils were swept from alfalfa fields recently in southern Pennsylvania. Some plants are already showing feeding damage. The mild winter weather has permitted a larger percentage of the adults to survive. Growers are urged to keep a close check on their fields. When 60 - 70 percent of the plants show feeding damage, then the plants should be sprayed or harvested; if not in the bud to early blossom stage, the cutting should be delayed for several weeks after the spray application, depending upon the material used. The 1973 Agronomy Guide gives materials that may be used.

To Be Careful With Moldy Grain

We continue to hear of breeding problems with livestock that have been getting grain not perfectly sound. Some breeders have been trying to work the unsound grain into a mixture with good grains; this could give good results with fattening hogs or cattle but is the wrong thing to do with breeding animals. The mold may or may not cause toxins that are poisonous; it is too risky to take the chance. Breeding problems, abortions, or sterility may result from feeding moldy grains, if they have the toxic type of mold. Questionable grain should be fed to fattening animals in limited amounts; there is a commercial laboratory in the state of Tennessee that will make the test for poisonous toxins in the grain.

Goodwill Week

Today marks the last day of National Goodwill Week, May 6 - 12, Many people are familiar with Goodwill Industries. They associate Goodwill with the collection box in the parking lot of their neighborhood shopping center. They may have shopped for bargains among the antiques and curios found in Goodwill retail outlet stores. However, there are many steps from "collection box" to the Goodwill store that people may not be familiar with.

The items available in Goodwill stores have been refurbished by disadvantaged and handicapped people. The collection box in the parking lot was probably painted by a handicapped worker in the Goodwill paint shop. Yes, Goodwill does more than collect and resell. Goodwill serves people of every age, ability and walk of life -- individuals whose handicaps might prevent them from working and from living full, happy and productive lives.

Because of Goodwill Industrie's devotion to "Helping the Handicapped Help Themselves", an able person with a disability can do more than endure and only survive. That individual is guided to discover a new capacity, learn a new skill, find a way to give his gift and apply his talents. Consequently, he is often able to provide for himself and his family and become a contributing member of the community.

Remember - the collection box and the outlet store are visible aspects of Goodwill. The important factor in Goodwill is the human element - the handicapped and disabled citizens who are trained and encouraged to become useful individuals.

Letters to the Editor

Editor:

The Pennsylvania AAA Federation and the 40 AAA clubs in Pennsylvania are strongly opposed to House Bill 740 which would increase maximum lengths of tractor trailer combinations to 65 feet and provide for the hauling of tandem trailers

The trucking industry claims that these truck-trains are needed for economic reasons and will accrue a benefit of nearly $22 million to Pennsylvania We feel this is a hollow claim when weighed against the threat to highway safety that these big rigs will bring We have challenged the trucking industry to show specifically where these truck-trains will create savings for the individual consumer who would be threatened on the highways by their size We have received NO answer

Furthermore, anyone who thinks the trucking firms will be satisfied with 65 feet is being fooled. Presently such rigs have grown to 100 feet in Kansas and triple trailer combinations have been tested in Wyoming and New York.

In time they will also push for heavier hauling capacities as well. In December 1967, American Trucking Association Managing Director William Bresnahan told the **Washington Post** that liberalization of state laws against extra trailers would do the industry little good unless the Federal gross weight limit is also raised. "There's no point in longer combinations unless we can load them up," is the way he put it.

Among the other reasons for our opposition to HB-740 are as follows

Pennsylvania's terrain is not conducive to the safe driving of such rigs.

weather increases the threat of serious jackknifing accidents involving such truck-trains.

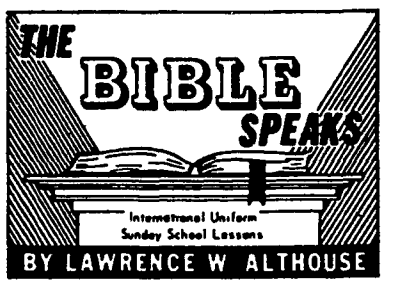
... It requires a sight distance of 2,190 feet for a car traveling at 60 mph to pass a 65 foot rig traveling at 50 mph; a distance which is extremely perilous when a car encounters spray from the wheels of the truck-train; especially on the two-lane highways where such trucks will be permitted.

...The added size of the proposed tractor-tandem-trailer combination creates a greater wind impact hazard to cars.

...It is illogical to increase tractor trailer combination sizes at a time when cars are getting smaller and less powerful.

We believe that Pennsylvania is the state where the stand must finally be made against the trucking industry's state-by-state encroachment on motorists' safety.

John J. Donovan
Executive Vice President
Pennsylvania AAA Federation



BEYOND DIFFERENCES

Lesson for May 13, 1973

Background Scripture: Acts 11 4-18; Ephesians 2:11-22; Galatians 3:23-29; I John 4:7-12.
Devotional Reading: Matthew 12.46-50.

In Lloyd Douglas' novel, **The Big Fisherman**, Voldi, one of the characters, writes of the voice of Jesus: "It's a unifying voice that converts a great crowd of mutually distrustful strangers into a tight little group of blood relatives."

Rev. Althouse

Whether because of his voice, as Voldi asserts, or his whole personality, this is the way Jesus often affected groups of "mutually distrustful strangers." He helped them overcome their differences and find a oneness in him that was more compelling than any other kind of mutuality.

There are differences

Too often we have attempted to establish fellowship on a false basis that has attempted to ignore our very real differences. About seven years ago, my wife and I were two members of a team of American churchmen who were visiting Protestant parishes in the various areas of Bavaria, Germany. One Sunday morning we worshipped in the parish church of Peissenburg, a small mining town in Upper Bavaria. The Pastor of the church and a layman spoke words of greeting to us. I was asked to reply for the Americans.

I was tempted to begin with that old cliche' that asserts that "Christians are the same the world over," but I knew that, regardless of how often it is said or implied, it is simply not so. A week spent in this parish had amply demonstrated that fact. So, instead I began with the tacit admission that "we are not all alike."

I observed that Bavarian Protestants, that Peissenburg churchmen were not like the church peopeople of Munich, just as Pennsylvanians are not like North Carolians, and people of the inner city are not like people in the rural parishes. "Yet," I said, "though we are not 'all alike,' because of our mutual love of Jesus Christ, we are enabled to go beyond our real and considerable differences and find our oneness in him."

Creating the "new man"

We are one in Jesus Christ, not because our differences are few and inconsequential, but because we are enabled to overcome these differences through him. The differences are real and often great, but the power of Christ to unify men is even more real and much greater. In him the greatest differences can be conquered—no wall is too formidable for him to breach.

In the Jerusalem temple there was a Court of the Gentiles marked by a "dividing wall' on which there were inscriptions warning Gentiles that if they went into the Temple past this point they were liable to be killed instantly. Now, says the writer of Ephesians, this wall and all other barriers between men, have been broken down by the unifying power of Christ Our differences may be great, but the unifying power of God enables us to go beyond those differences to know the oneness for which we were created.

Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service)

Emergency Land

Pennsylvania farmers having farm land damaged by Hurricane Agnes and excessive rains of 1972 may request cost-sharing to restore land through May 15, according to Fred G. Seldomridge Chairman of Lancaster County Agricultural Stabilization and Conservation (ASC) Committee.

This program provides funds up to 80 percent of the cost of restoring farmland to productive use Mr. Seldomridge said.

Practices included in the program are: Restoring permanent fences; removing debris from farmland; restoring structures and other conservation installations; reestablishing permanent vegetative cover; rehabilitating streambanks, channels, levees, and dikes; and grading shaping, releveling or similar measures. The local ASC County Committee approves funding for individual farmers based on estimates of damage. Payments are made when practices are completed and bills submitted to ASCS for payment.

Over 4500 Pennsylvania farmers have requested assistance to restore land damaged by Agnes. These farms have been approved for over three million dollars in cost-sharing funds.

In Lancaster County, 126 farms have applied for $87,900 in cost-shares.

This program has assisted a considerable number of farms to become productive again in 1973. However, many acres seriously eroded will undoubtedly remain less productive for years to come than they were prior to the flood. Top soil loss on flood plains was tremendous.

Farmers are to complete practices under this program by December 31, 1973. This means farmers need to plan now with equipment operators; SCS Technicians; and others who assist in practice performance.

Stream work requires approval by the local waterway patrolman of the Fish Commission and the Department of Environmental Resources. Requests for this practice will be forwarded to the Soil Conservation Service for technical assistance. Necessary approval by agencies will be obtained by ASCS.

"The emergency programs are doing a good job of assisting many farmers to recover from serious losses caused by severe rains of 1972," Chairman Seldomridge said. However, assistance must be requested for Emergency Conservation Practices at the ASCS office by May 15, 1973

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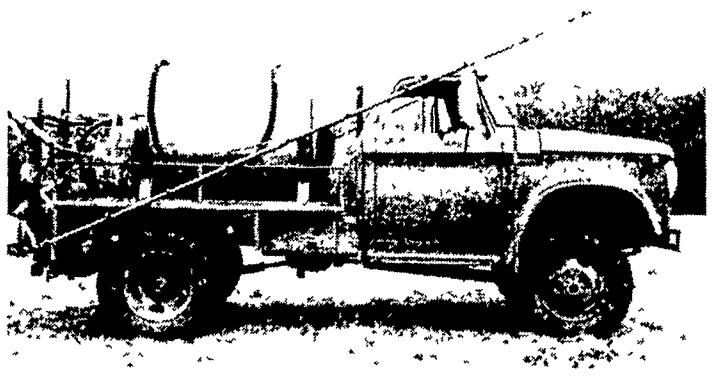

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No-Till Planting Book Available

A farmer and a veteran researcher have combined their practical experience and scientific knowledge of no-tillage farming. The result is "No-Tillage Farming."

The new book deals with the rapidly growing system of no-tillage planting, a method that has proven itself beneficial to many farmers concerned about production costs, labor shortage, dry and wet weather, and the lack of time to get all their fieldwork done.

In addition to providing the practical "how-to" and the scientific documentation of the new "no-plow" farming systems, co-authors Shirley H. Phillips and Harry M. Young, Jr. relate the advantages of no-tillage farming to such important current topics as the environment, food supply and the energy crisis.

Shirley H. Phillips is assistant director of Extension for Agriculture at the University of Kentucky in Lexington. The Kentucky native has authored many papers and articles on no-tillage since he helped pioneer the concept in 1963.

Harry M. Young, Jr. farms 1,235 acres in Christian County, Kentucky. His experience with no-tillage dates back to 1962 when he experimented with seven tenths of an acre. Also the author of several articles on the subject and a former University of Kentucky farm management specialist, he began farming in 1954. To date, more than 10,000 interested visitors have toured his farm to view practical applications of no-tillage.

Included in the 224-page book is information on all facets of no-tillage production: economics, production systems, double-cropping, erosion control, fertilization, weed and insect control and background information to serve as a guide to farmers just trying no-tillage, as well as those who seek answers to problems encountered with no-tillage. The book is profusely illustrated with color photos.

Copies of "No-Tillage Farming" are available by mail order from Reiman Associates, 733 N. Van Buren, Milwaukee, WI 53202. Price is $10.00.

Red Lion Grange Extends Open House Invitation

Red Lion Grange 1781, York County, will hold Open House at the grange hall, one mile north of Red Lion, at 8 p.m. Saturday, May 19.

Mrs. Russell Hoover, lecturer, will be in charge of the program. John W. Scott, master of the National Grange, and Mrs. William Buffington, flora of the Pennsylvania State Grange, will be the speakers.

The public is cordially invited to attend.

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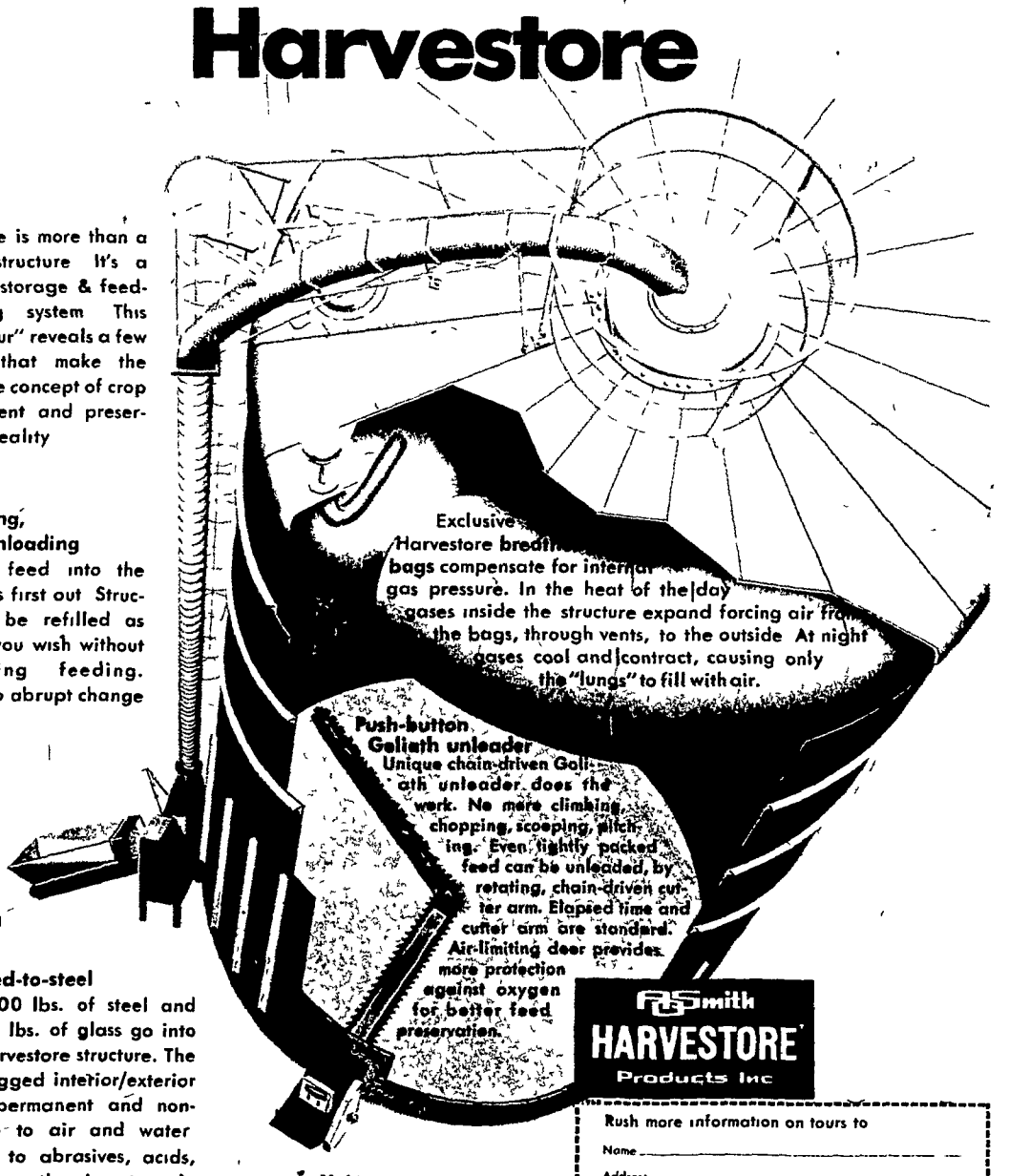
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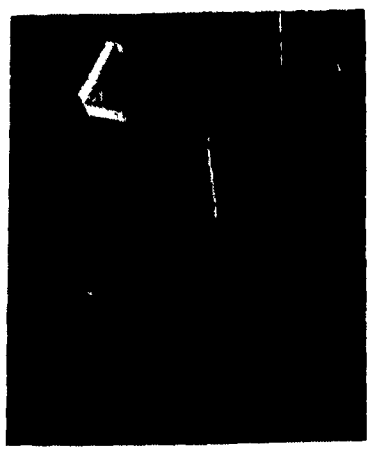
From Local Ag Teachers:

Thoughts in Passing

Selinsgrove
Outstanding Young Farmer

Jacob Troutman, Port Trevorton RD2, has been named the Outstanding Young Farmer of the month at the Selinsgrove Chapter

Troutman has been farming full-time since his graduation from high school as a vo-ag student in 1967. In January of 1971 he assumed full responsibility for the ownership and operation of the two adjoining farms in Chapman and Union Townships near Port Trevorton. The farms consist of a total of 220 acres with 165 acres in cropland. Upon advice from Leroy Hibbs, Young Farmer Instructor at Selinsgrove High School, Troutman purchased the farms on a long-term installment sale agreement which results in a tax savings to the seller and gives the purchaser a real break in that he doesn't need to provide all of the purchase price in the early years of his business venture.



Jacob Troutman

Troutman is young, just 23 years of age, but long before his graduation from high school he was preparing himself for the responsibilities which were later laid upon his shoulders. While in high school he was recognized by his vo-ag teachers as possessing capabilities in the area of dairy farming. For three years in succession he was awarded the Dairy Farming Award at the annual Parent-Son FFA Banquet. Part of this recognition stemmed from the fact that he had exhibited dairy animals for three years in each of the following dairy shows: Rolling Green Youth Dairy Show, Central District Dairy Show, Beaver Fair, and the Pennsylvania Junior Dairy Show at the Farm Show Building. He also exhibited his outstanding dairy animal at the All American Dairy Show held in Harrisburg during the second year of his showing experience. He now owns 50 dairy animals of which 25 are dairy cows and one-third of the herd are purebred registered Holsteins.

During Troutman's senior year in high school he received the Keystone Farmer Degree at the Winter FFA Convention at Harrisburg. One of the criteria in selecting for this award is the amount of money invested in the Supervised Farming Program which is an integral part of Voc-Ag & FFA. By this time he had owned eight registered Holstein cattle. Now in addition to the dairy herd he owns a complete line of farm machinery to help mechanize and save labor on this one-man farm operation.

During the past few months Troutman has realized the importance of a Conservation Farm Plan and recently became a cooperator in the Snyder County Soil Conservation District. While a student in Vo-Ag he had placed second in the Sun Area Land Judging Contest and went on to Penn State to participate in the State Land Juding Contest.

Jacob is one of a family of 11 boys and two girls. His father, George Troutman Sr., still resides at Richfield RD.

Leroy Hibbs
Young Farmer Instructor
Selinsgrove High School

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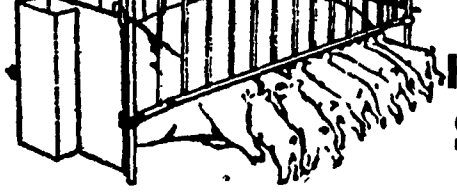

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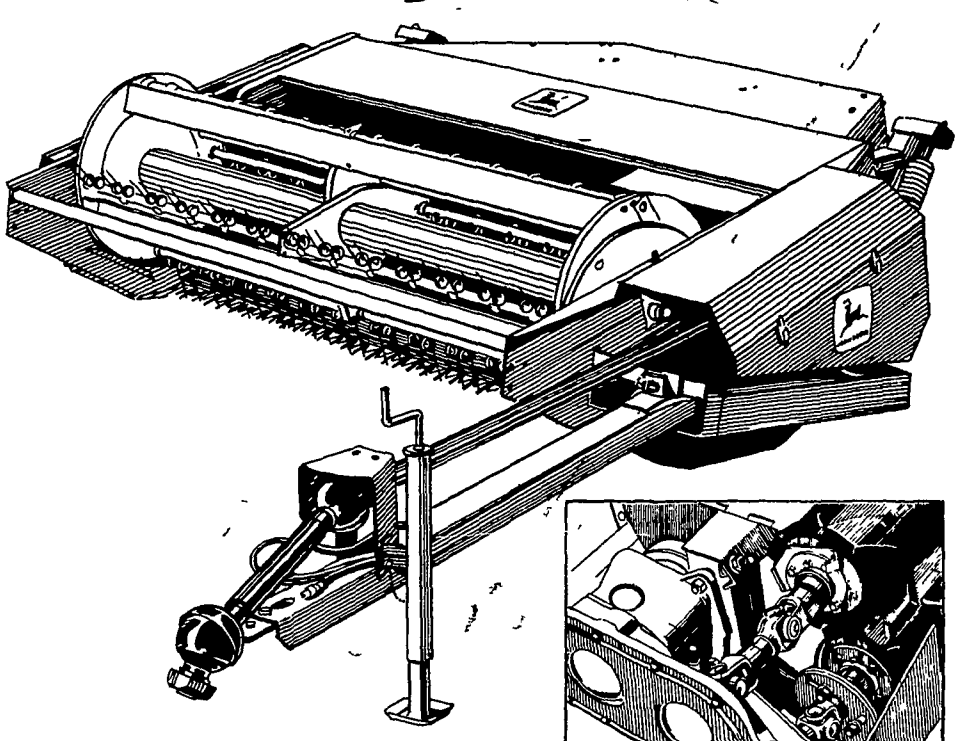

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FEED LETTER

Cargill's new controlled release liquid supplement is new here, but not new everywhere. Let's eaves drop together on what some users say about it.

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Consumers Warned Against 'Bait & Switch' Tactics

Consumers can save considerable sums of money when making purchases if they refuse to be victimized by one of the most widely practiced comsumer frauds — "bait and switch," according to Joel Weisberg, Director of the State Bureau of Consumer Protection.

He explained, "A store will advertise an item at an extremely low price. When a consumer goes to the store and asks to see the item, the salesman actively discourages the purchase and attempts to sell so-called 'higher quality' products at substantially increased prices."

Weisberg urged consumers to avoid "bait and switch" tactics after the Bureau took legal action May 1 against a Harrisburg rug company which advertised carpeting for $2.89 to $4.89 a square yard. The Bureau charged that the company had been 100 percent effective in discouraging consumers from buying any of the advertised carpets. During a two-month period, the lowest priced carpet sold to any consumer was a $5.95 per square yard carpet, according to the Bureau.

In a similar case, a Western Pennsylvania company, Gold Bond Industries of Springdale, was fined $15,000 on April 27 by the Allegheny County Common Pleas Court for engaging in bait and switch advertising in the sale of swimming pools in violation of a court injunction.

Judge Marion K. Finkelhor said in the Court Opinion that the company's advertisement of a pool at $689 "served as a 'come-on' to enable defendants to sell the more expensive pool at $1,000 to $2,000 above the wholesale price."

In another case, the salesman strongly emphasizes the undesirable features of the advertised item, informing consumers that "It will fall apart as soon as you get it home," or "This model isn't made anymore and we can't service it;" or "A person as intelligent looking as you certainly would rather pick this other " sewing machine, carpet, couch, etc

"Protection against bait and switch requires constant consumer awareness," Weisberg said "Whenever a salesman refuses to sell you an advertised item or strongly disparages it, do not shop in that store. If you check in other stores for the item the salesman tried to sell you, you will often find you can buy it for less elsewhere."

Weisberg described several types of "bait and switch" schemes, all of which are illegal In the most extreme case, the store does not even have any of the items it advertises as "bait " The consumer is told that the store "just sold out "

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PSU Reports Growing Degree Days, Rainfall

A report from Penn State of weekly crop and weather roundups with a report on weather conditions for the week ending May 7.

In Lancaster, the average temperature for the week was 55 degrees, -3 degrees under the normal average for the time of year.

Growing degree days for crops that start at 50-degrees totaled 181 degrees, or 55 more than in an average year.

Rainfall for the week totaled .35 inches; rainfall for the season totaled 6 09 inches, or 1.65 inches more than normal.

Litter Bags Offered

Official litter bags with the Keep America Beautiful symbol are being offered which can be imprinted with the name and address of a sponsoring group.

An illustrated brochure, detailing sizes, costs and other features is available from Keep America Beautiful, 99 Park Avenue, New York, N Y. 10016.

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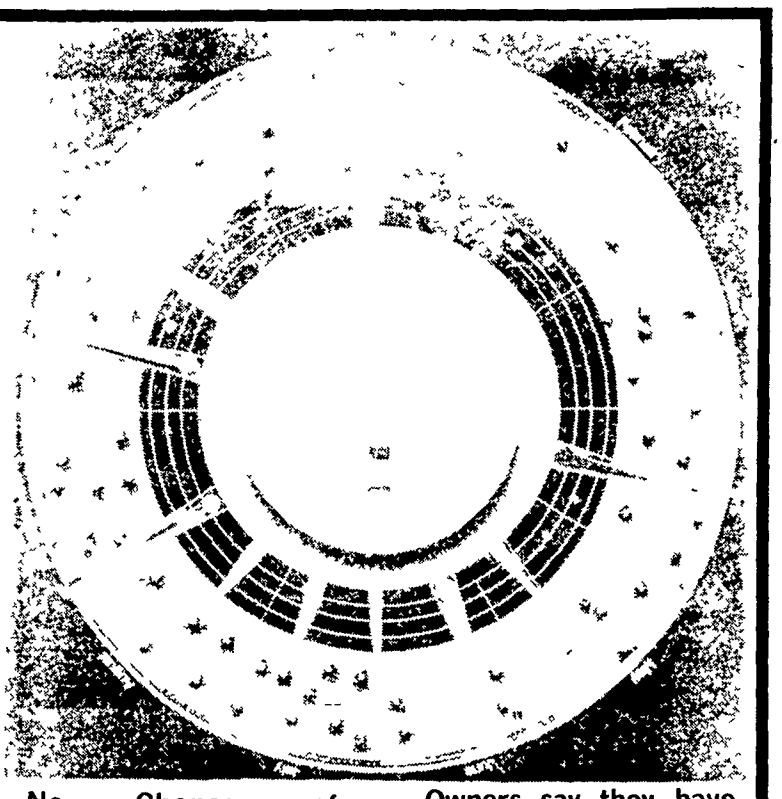

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Hendrik Wentink (right) assistant to the president, Pennfield Corporation, Lancaster, and president of the Northeastern Poultry Producers Council (NEPPCO), discussed poultry industry problems with Congressman Gus Yatron at a reception held recently in the Nation's Capitol. The reception was hosted by Senator Hugh Scott and sponsored by four poultry trade groups including NEPPCO.

Dr. Jones To Speak At Swine Field Day

Dr. Hobart W. Jones, professor of animal science at Purdue University and a national authority on swine building and management research, will be featured speaker at a Swine Field Day to be held June 22 at The Pennsylvania State University.

The program will get underway at the University's Swine Research Center at 10 a.m. The afternoon program is scheduled in the Meats Laboratory.

Dr Jo who will discuss breeding d management, is responsib.. for all swine operations at Purdue, including the swine nutrition and breeding units

He also served as co-chairman of the interdepartmental research group responsible for planning and conducting the swine housing research, which represented one of the first major thrusts by any university in the United States. He has served on numerous national swine committees and judged all major swine shows in the country.

"Those attending the field day will take part in an educational program on boar selection and visual evaluation starting at 10 a.m.," said Grant W. Sherritt, Penn State associate professor of animal science.

Following this program, a number of exhibits will feature boar identification, signs for fences, a swine ventilation system model, Ossabaw pig versus modern pig, and manure handling systems. Faculty and staff members manning these exhibits are Vernon E. Hazlett, Dwight E. Youkin, Roy J. Martin, and Howard D. Bartlett.

Afternoon activities include a report on the Animal Science Department by Dr. B. R. Baumgardt, department head; an up-date on the Pennsylvania Meat Animal Evaluation Center by Robert J. Kimble, director of the Center; and a Pennsylvania Pork Council report by Mark Nestleroth, president.

The talk by Dr. Jones is scheduled for 1:45 p.m. in the Meats Laboratory.

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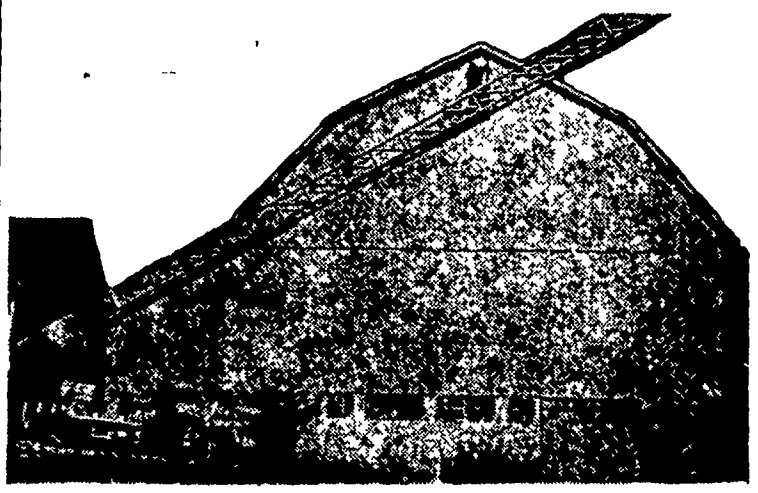

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Dairy Organizations Expected To Form Into One Board

The Executive Committee of United Dairy Industry Association, at a meeting on April 18, reached agreement on a recommended general plan for reorganization of the four national dairy promotion organizations in line with the one board, one management concept which was approved in principle by the UDIA Board of Directors at the last Annual Meeting in February The organizations, in addition to UDIA, are American Dairy Association, National Dairy Council and Dairy Research Inc

Operating and organizational details will be developed as soon as possible, according to Glenn Lake, UDIA President He noted that the complete plan will be presented for consideration of the Boards of the four organizations at their meetings May 14 and 15 at the Arlington Park Towers, Arlington Heights, Illinois This will be the principal business to be considered at these meetings

The concept of a single board and a single management grew out of a study made for UDIA by the Booz, Allen & Hamilton management consulting firm. After approving the concept in principle, the UDIA Board instructed the Executive Committee to draw up plans for implementation for consideration by the Board at the May meeting.

The meetings will get underway at 8 00 a m on Monday, May 14, with a breakfast and meeting of the UDIA Executive Committee. This will be followed by a UDIA Board luncheon and meeting beginning at 12 noon The remainder of Monday and all of Tuesday morning has been set aside for meetings of the Boards and Executive Committees of ADA, NDC and DRINC. Another UDIA Board luncheon and meeting will be held on Tuesday

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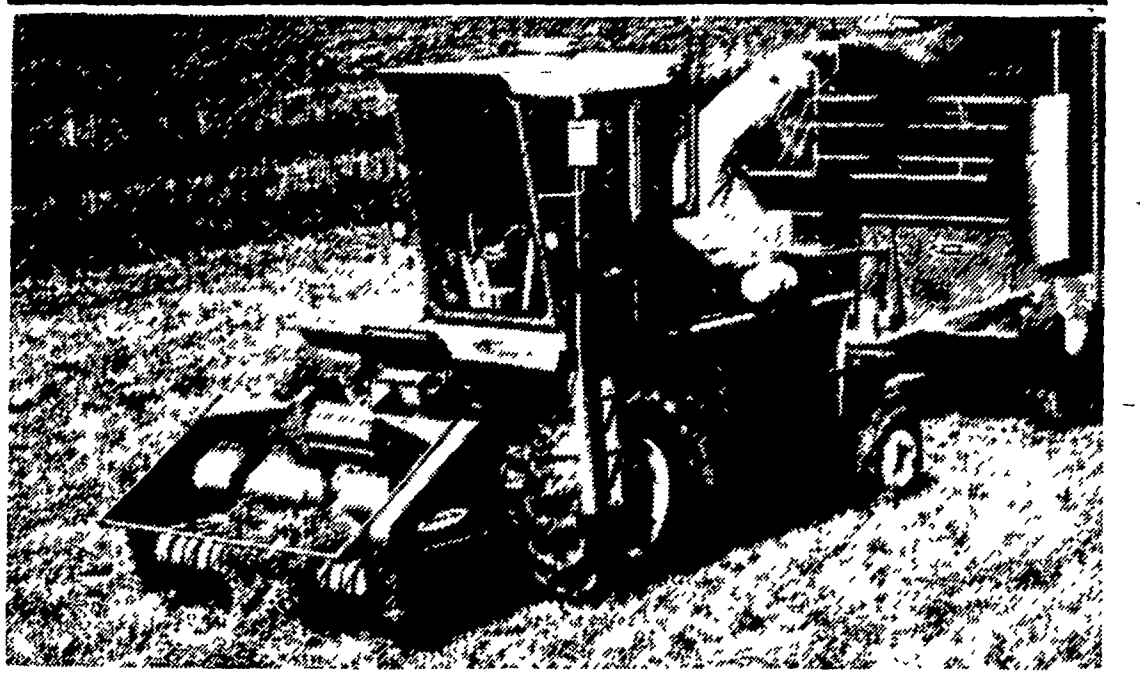

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Now with more reliability
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Risser Tops

(Continued From Page 1)

University of Tennessee 3rd, University of Wisconsin at Platteville 4th, and Ohio State University 5th; other participating schools in alphabetical order were Delaware Valley College, Iowa State, Montana State, New Mexico State, North Carolina State, Purdue, Tarleton State, University of Arkansas, University of Minnesota, and West Virginia.

Competition between the 60 individual participants for high honors was very keen, but when the mud settled, Risser was on top. Jeff is a sophmore majoring in agronomy, and is the son of Mr. and Mrs. Allen Risser of RD1, Leola.

Although intercollegiate soil judging is a relatively new student activity on university and college campuses, it has gained appreciable popularity in recent years. Presently there are approximately 45 colleges and universities that compete in regional contests in the fall to determine which schools will represent their region the following spring in the national contest.

Students benefit from this activity by gaining a much better understanding of the soil, its characteristics, and its capabilities.

Today there are 16,000 handicapped girls in Girl Scout troops across the nation.

Clearcutting for Hardwoods

Hardwood forests in Pennsylvania are tough--and persistent. Five years after complete cutting of mixed oak-hickory forest plots, regeneration from root sprouts is exceedingly rapid, says Dr. Robert D. Shipman, ecologist for the School of Forest Resources at The Pennsylvania State University.

Such sprouts from dormant buds on freshly cut stumps serve as a major source of browse for deer and as natural seedlings for a new stand of timber, Dr. Shipmanpointed out recently from field experiments at Penn State.

The amount and kind of hardwood sprouts that develop after clearcutting are highly variable he said, and depend upon the quality of the site, its soil nutrient and water holding capacity, and upon the inherent sprouting ability of the species.

Most hardwood growth after clearcutting, he added, is produced by species responding best to full sunlight--such as the oaks and hickories. Results from small blocks of clearcuttings showed that scarlet oak produced the largest sprouts. However, white oak sprouts produced the highest number of sprouts per stump and per acre.

The site is located in Penn State's Stone Valley Experimental Forest, Huntingdon County, and was clearcut in 1965. Deer browse began to increase the first growing season after cutting and increased gradually until 1970. By that time, practically all species exceeded 7 feet in height and were beyond the reach of deer.

From a timber growing standpoint, it is still too early to determine how cutting has affected the final species makeup of the new hardwood forest. New trees growing from stumps have not yet reached the poletimber category, 3 to 5 inches in diameter.

Dr. Shipman indicated, however, that the new oak forest should be adequately stocked with trees. He assumes that at least one sprout per stump will become dominant within the next five years, with each of these young trees occupying sufficient growing space.

To assure maximum development, a "weeding" of the sapling stand is desirable For example, sprouts of undesirable species, where they are growing taller than desirable "crop" trees, should be removed--thus freeing desirable stems and improving growth of the new forest.

The forest ecologist and his associates have found that hardwood seedling sprouts in clearcut areas develop mostly from stumps 4 to 12 inches in diameter--or from stubs less than 2 inches in diameter. The remaining natural seedlings on clearcut areas germinate from seed stored in the forest floor. Research was begun 10 years ago to determine the effects of complete tree removal on timber-wildlife relationships.

Since oaks and hickories are heavy-seeded species, very little if any seed in the test area was blown there from adjoining uncut areas. Thus, practically all of the natural reproduction developed from root sprouts.

Dr. Shipman and associates will continue to study the growth of trees and other plant species invading clearcut areas. Present research is investigating changes in nutrient distribution, soil characteristics, and soil moisture conditions limiting the rate of regrowth on clearcut areas.

Clearcutting of eastern hardwoods is done mostly on small plots of five to 20 acres. This is not to be confused with clearcutting of western conifers where slopes are steep and clearcut blocks often exceed hundreds of acres.

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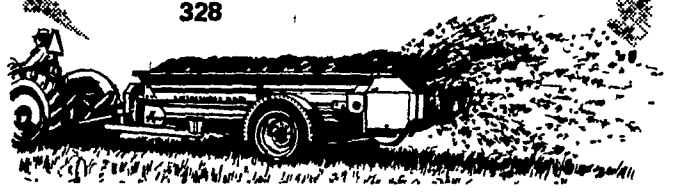

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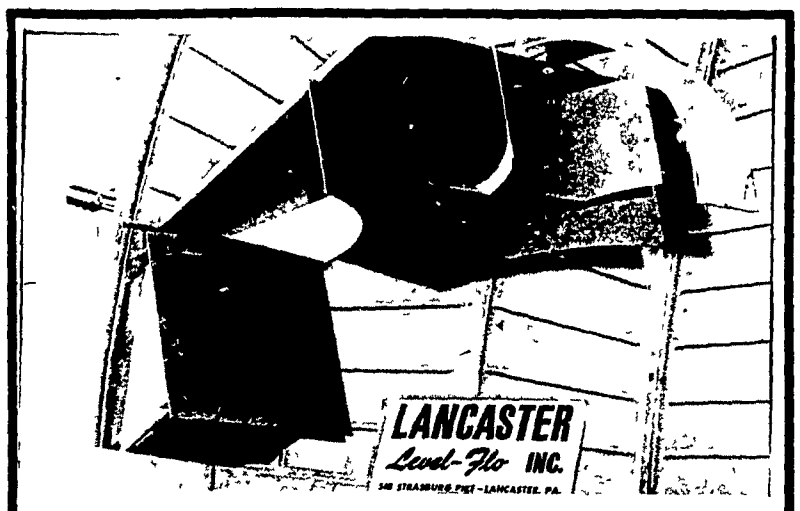

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Co.

(Continued From Page 1)

breeds was Wayne Krieder of the Solanco team. He also took the highest position in the Jersey judging class.

High individual in the Ayrshire class was Galbreath. In the Brown Swiss class, first place individual was Mark Farmer, son of Mr. and Mrs. Robert Farmer, Washington Boro RD1, of the Penn Manor FFA team. The Guernsey class saw Gary Akers, son of Mr. and Mrs. Curtis Akers, Quarryville RD1, of the Solanco FFA at the top.

The event, sponsored by the Penn State Dairy Science Club, broke all records for participation this year with 175 high school and college students entering the contests. It was the second event in the 48th annual Dairy Exposition ending Saturday.

Trophies were to be presented to the winners at an awards banquet on Saturday. Also scheduled for Saturday was the collegiate fitting and showing contest. This event, known as Show Day, was to be held under the big tent at the Penn State Dairy Barns along with several special events to highlight the affair.

Secretary Butz Reports Gain In 1972 Farm Prices

During the 1960's, the number of U.S. farms declined by 104,000 every year. But this decline was cut by more than 60 percent in 1972, Secretary of Agriculture Earl L Butz said in his annual report to the President on activities of the U.S. Department of Agriculture (USDA).

The year 1972 also brought an easing of the cost-price squeeze on America's farmers as prices they received gained faster than prices they paid.

The report, entitled "A Year of Breakthroughs," cited the record net farm income of more than $19.2 billion received by farmers during fiscal 1972 as one breakthrough. The largest grain transaction agreement ever made--the sale of more than $1 billion worth of wheat, feed grains, and oil seeds to the Soviet Union--marked another breakthrough.

The report said that farmers comprise less than five percent of the population but have assets exceeding $250 billion, spend $40 billion a year to pay production expenses, pay property taxes of more than $3 billion a year, and have a $60 billion debt load that is expected to double within seven years.

They also lose nearly $100 billion in assets to cities every generation, since more than half of all farm-reared youth leave the farm and inherit over one-half of all farm assets left by deceased parents.

Other data in the report include the following:

Today's average farmer has nearly $100,000 invested in land, machinery, livestock, working capital, and farm buildings other than his house. The figure has doubled in a decade.

Realized net income per farm from farming--per family--averaged about $5,581 in 1971 and $6,797 in 1972.

Realized net income per farm from farming plus other non-farm activities averaged $11,811 for the 2.9 million farm operator families in 1971, meaning that the off-farm net income was bigger than on-farm earnings that year.

The bigger the farm, the bigger is the percentage of income that comes from farm sources. Thus, 365,000 farms averaged $9,721 from farming activities and $3,835 from non-farm activities. Those were farms with more than $20,000 but less than $40,000 in gross income from products sold per farm.

There were also 253,000 farms with sales of more than $40,000 per farm, and they averaged $27,289 in net income from farming and $6,447 from non-farm activities.

Agricultural economists at the University of Minnesota have analyzed costs and find they may average higher in the country than in the city.

The farmer's output per man-hour continues to rise rapidly. Each farm worker in 1972 supplied enough food and fiber for 51 persons, compared with 15 about 25 years ago.

G. Boyd Second In Yield Contest

Galen L. Boyd, a Lebanon County farmer, has placed second in the Pennsylvania National Corn Growers Association yield contest.

Boyd produced an official yield of 157.51 bushels per acre in 1972. He and his wife received special recognition in Minneapolis and attended the National Corn Growers Association meeting in Des Moines, Iowa. Ken Seidel, Maxatawny, was the first place winner in Pennsylvania.

In achieving his high yield, Boyd applied commercial fertilizer and about 10 to 15 tons of cattle manure per acre. In the 1971 contest, Boyd also placed second with a yield of 131.56.

Two Witmer Cows Cited

Two registered Guernsey cows in the herd of Raymond F. and Louise A. Witmer, Willow Street, recently completed top official DHIR actual production records, according to The American Guernsey Cattle Club.

Penn Del Command Patsy, a six-year-old, produced 14,290 pounds of milk and 621 pounds of fat in 305 days, and Penn Del Flash Myrtle, a four-year-old, produced 14,430 pounds of milk and 714 pounds of fat in 305 days.

Testing was supervised by Pennsylvania State University.

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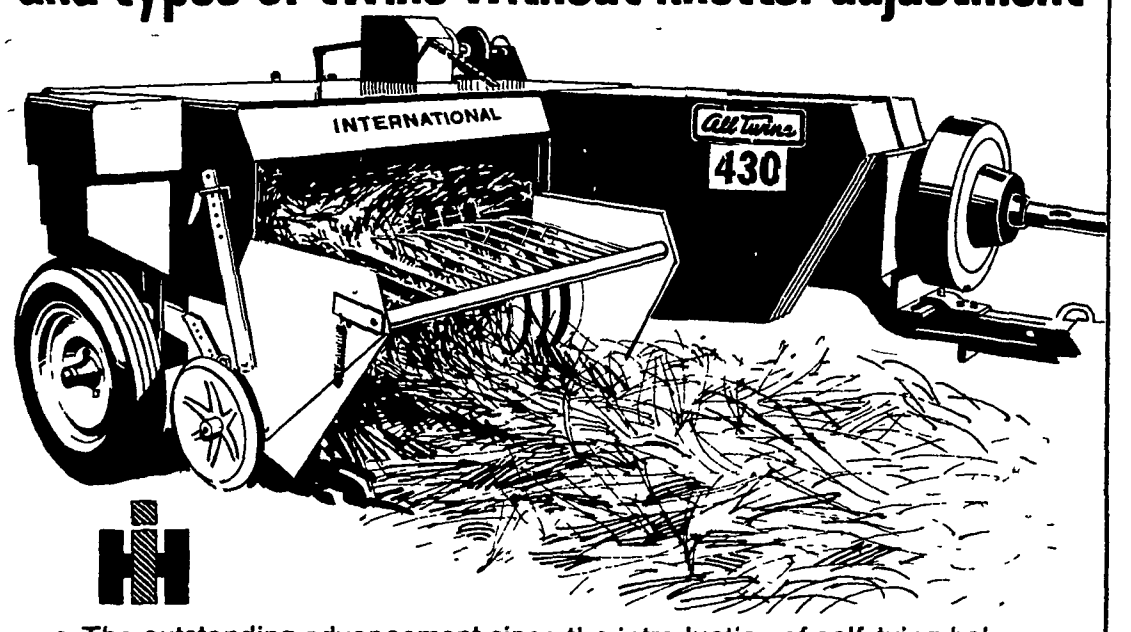

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Outdoor Inauguration

James Monroe was the first U.S. president to be inaugurated outdoors. As the result of a controversy between the Senate and House of Representatives over the distribution of seats, it was decided that the inauguration be held outdoors.

June 13 Date For Annual Poultry Federation Meeting

The Pennsylvania Poultry Federation, the united voice of the poultry industry, is going to hold its annual meeting on June 13, 1973, at the Sheraton-Harrisburg Inn, Intersection of I-83 and Pennsylvania Turnpike (Exit 18). Registration will begin at 11.00 a.m. and the program will begin at 1.00.

Robert Shelly, Producers Pride, has chaired the Annual Meeting Committee. James Price, Beacon Milling, Inc., and Clayton Detweiler, Montgomery Bucks Farm Bureau, also served on the committee. This committee has prepared a well-rounded program presenting expert nutritionists of leading companies to present the latest advice on reducing feed costs.

The first part of the program will feature a panel discussion moderated by Dr. Owen Keene, Assistant professor of Poultry Science, The Pennsylvania State University. Participants in the panel will be: Stanley B. Smith, Poultry Nutritionist, Agway, Inc., Buffalo, New York, will speak on "Know Your Feeding Program for Least Cost Production."Dr. Richard G. Peacock, manager of technical services, Pennfield Corporation, will speak on "Computor Formulation." Olin A. Roweth, vice president, director of Research and Technical Services, The Beacon Milling Company, Cayuga, New York, will speak on "Feed and Grain Situation and Outlook." Panel discussion on these topics will follow with questions invited from the floor.

After the panel discussion, Professor Anthony Stemberger, agriculture economist, Pennsylvania State University, will speak on the current egg pricing situation.

Dr. H. D. Geyer, staff director, Environmental Quality and Natural Resources Extension Service, U. S. Department of Agriculture, will speak on the environment as it concerns the poultry industry.

President Kenneth Longacre, Horace W. Longacre, Inc., will preside over the Annual Business meeting at 4:00.

The banquet at 6:00 p.m. will feature the annual awards to the Allied and Poultry Men of the Year, and also the annual youth awards. Reservations may be made by writing the Pennsylvania Poultry Federation office at 3807 Paxton St., Harrisburg, Pa. 17111 or calling 717-564-8440.

Students Annual Work Drive Passes Goal

Students at Lancaster Mennonite High School have passed their $30,000 goal set for the annual work drive held in April. The drive where students work for local businesses and donate wages and all contributions to the campus development program also included an auction, sub sale, car wash, and a chicken barbecue.

The auction, a new feature this year, netted $5,006 from donated household items, baked goods and livestock. The matching funds from friends of the school took the figure over $10,000. Students contributed wages and donations above wages of $13,269. The sub sale netted $607, bake sales $475, car wash $765, and the chicken barbecue amounted to $2,551.

Dr. Lester Brubaker, principal, said, "We appreciate the efforts and dedication of the students on the behalf of their school. They are to be commended for their work."

The work drive is in support of the current two million dollar building and campus development program of the school. Development plans are moving ahead with the old boys' dorm already demolished and the home economics department to be moved to the existing basement of the girls' dorm, and the passageway through the furnace room to be completed this summer. A boys' dormitory and gymnasium-auditorium are to follow as rapidly as funds become available. Later in the five -year program a junior high school is to be constructed.

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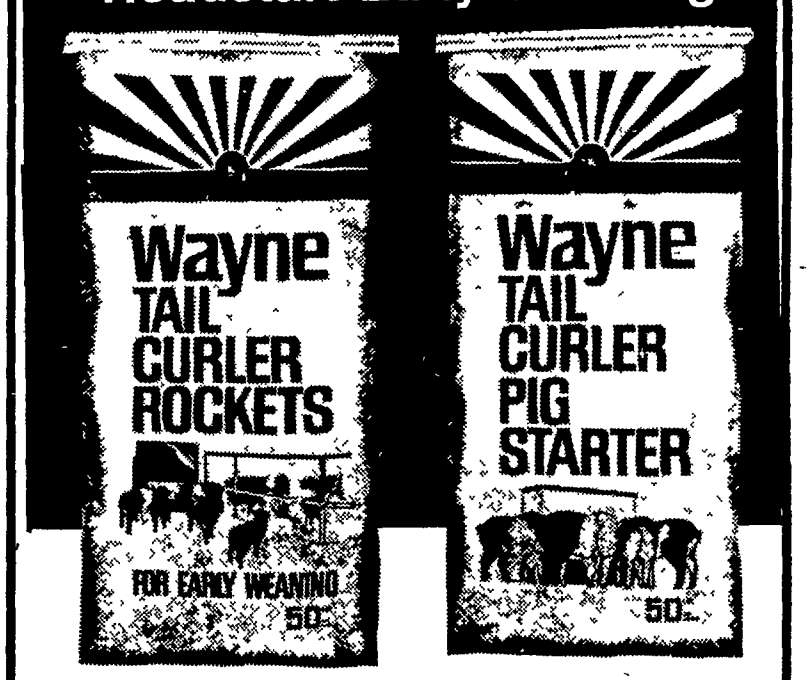

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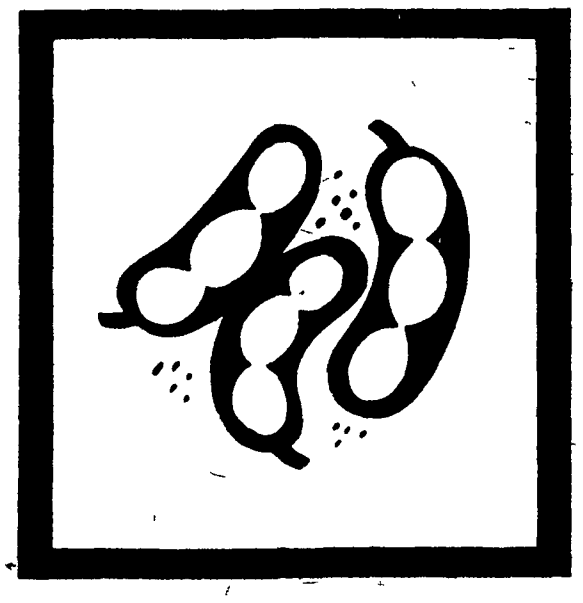

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Penn Willows 4-H Club Meets, Elects Officers

The first monthly meeting of the Penn Willows 4-H Club was held recently at the Conestoga Elementary School.

After the meeting was called to order Ronald Walton led the group in the Pledge to the Flag and the 4-H Club pledge.

New officers were elected. They are: Greg Martin, president; Gail Reish, vice-president; Delbert Landis, game leader; Ronald Walton, news reporter.

County Council representatives for the Club are Pam Martin, Susan Campbell and Ronald Walton.

Mrs. Doris Thomas, Lancaster County home economist, was at the meeting as a guest to talk about subjects such as County Council and other 4-H activities.

The group filled out enrollment cards. Future meeting plans were read.

The next meeting, to be held May 18, is scheduled as a clean-up.

Ronald Walton
News Reporter

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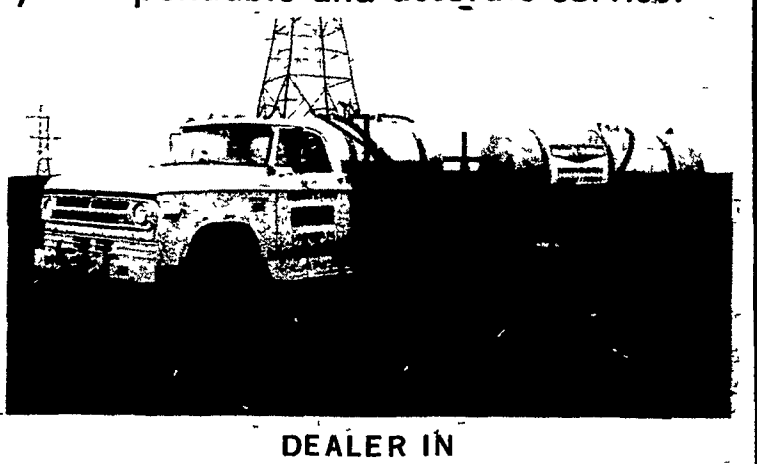

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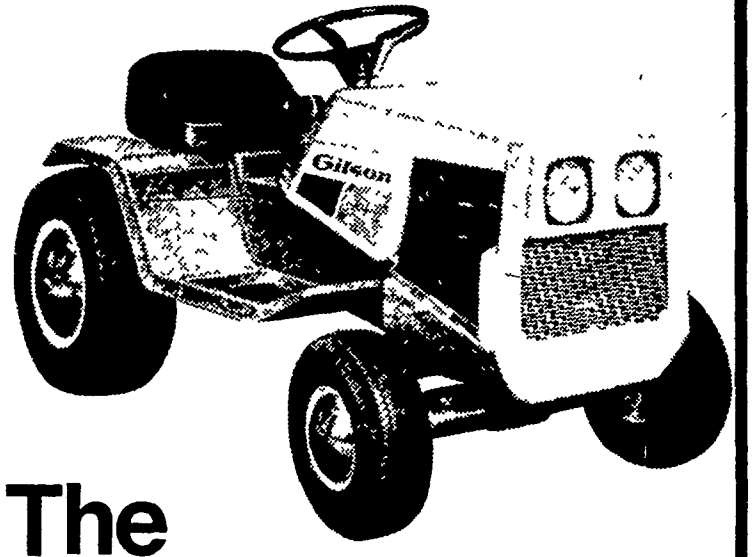

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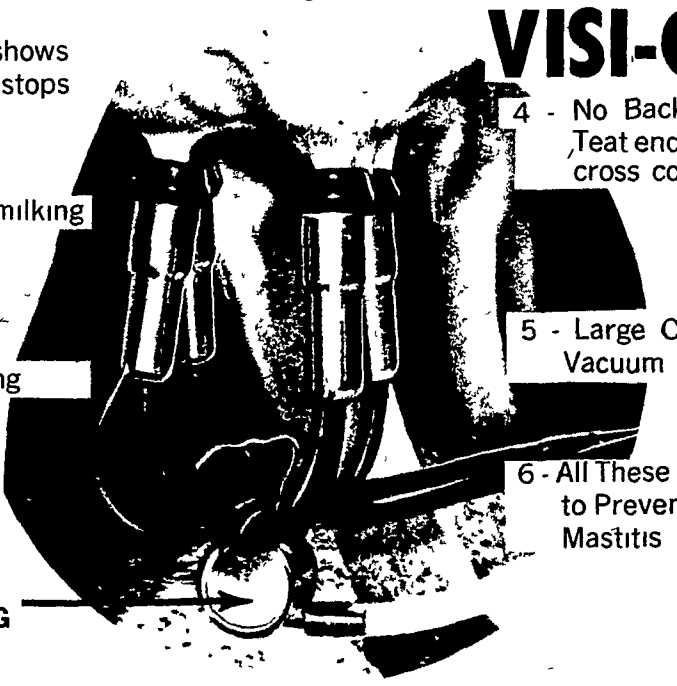

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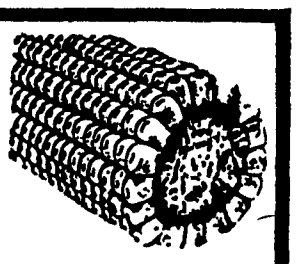

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Berks County FFA Elects Officers, Conduct Contests

The Berks County FFA met at Oley Valley High School last week. Included on the agenda was the election of officers for the 1973-74 school year, an Interview Contest, and a Small Gasoline Engines Contest.

Each of the officer candidates were interviewed by a panel of present FFA officers and county delegates. Heading the list of existing officers interviewing the candidates were Ron Myer, County FFA president from Conrad Weiser High School, and Nevin Mast, County FFA vice-president from Twin Valley. Assisting the FFA officers were Robert Kramer, advisor to the County president, and Harvey Smith, vocational consultant for Berks County.

Each officer candidate had to answer several questions, such as – "What does the FFA mean to you?"; "Why do you want to be a County FFA officer?", and at least one question on parliamentary procedure. The candidates were also asked to read a section from a book to test their reading ability and were asked to plan a picnic for the next meeting to see how well they could think on their feet.

The following FFA members were elected to office for the 1973-74 school year: Terry Murray, Twin Valley, president; Marlin Dietrich, Kutztown, vice-president; Bill Abrams, Governor Mifflin, secretary; William Schantz, Brandywine Heights, treasurer; Thomas Heffner, Hamburg, reporter; Darryl Hartman, Conrad Weiser, sentinel, and Kevin Daub, Tulpehocken, chaplain.

The newly elected officers will take office at a meeting at Conrad Weiser High School on Tuesday, May 15.

While the new County officers were being interviewed several County vo-ag teachers were conducting the Interview Contest. For this contest each FFA contestant was to write a letter of application for a job, fill out an application form for that job, and have an interview with one of the vo-ag teachers. The contestants were able to select any job they desired. They were scored on such points as completeness, neatness, grammar, attitude, personality and poise, appearance, voice, and response to question.

Winners in the contest were: Beth McDonnell, Twin Valley, first; Blake Brown, Conrad Weiser, second; Roger Imes, Oley Valley, third; Glenn Christman, Kutztown, fourth; Myles Angstadt, Brandywine, fifth.

Eight FFA members from four Berks County Schools participated in the Small Gasoline Engines Contest. This contest is divided into three parts – a written exam pertaining to selection, operational principles, maintenance, repair, adjustment, and service of the two and four-stroke cycle small gasoline engines. In the second part of the contest, contestants use a service manual to determine measurements, adjustments, service and maintenance procedures for a selected engine model. The third part of the contest consists of trouble shooting and repairing an engine. The engine is faulted, and the two-team members from a school work to get it operating properly.

This contest was also in charge of several Berks County vo-ag teachers. Winners of this contest were: Scott Snavely, Oley Valley, first; Dennis Kohl, Oley Valley, second; Ronald Worley, Brandywine, third; Mark Kohl, Brandywine, fourth; Albert Dillon, Governor Mifflin, fifth; Steve Smith, Governor Mifflin, sixth; Geoffrey Fultz, Twin Valley, seventh, and Ronald Smoker, Twin Valley, eighth.

Two Named To Posts

J. Ralph Parrett, 134 Cedar St., Elizabethtown, has been promoted to Quality Assurance Manager at Victor F. Weaver, Inc., New Holland.

Parrett, who holds a B. S. degree in Chemistry from Elizabethtown College, joined the firm in 1970 as Quality Control Laboratory Supervisor. As Quality Assurance Manager, he will be responsible for the development and supervision of product related quality assurance programs and laboratory testing.

In a related move Donald Singletary, East Earl RD1 has been named to the newly created position of Veterinary Services Manager. Singletary holds B. S. and D. V. M. degrees from the University of Illinois, and has considerable training in the field of technical writing and diagnostic work.

In his new position as Veterinary Services Manager, he will be primarily responsible for poultry health and diagnostic services related to the Company's broiler growing operations.

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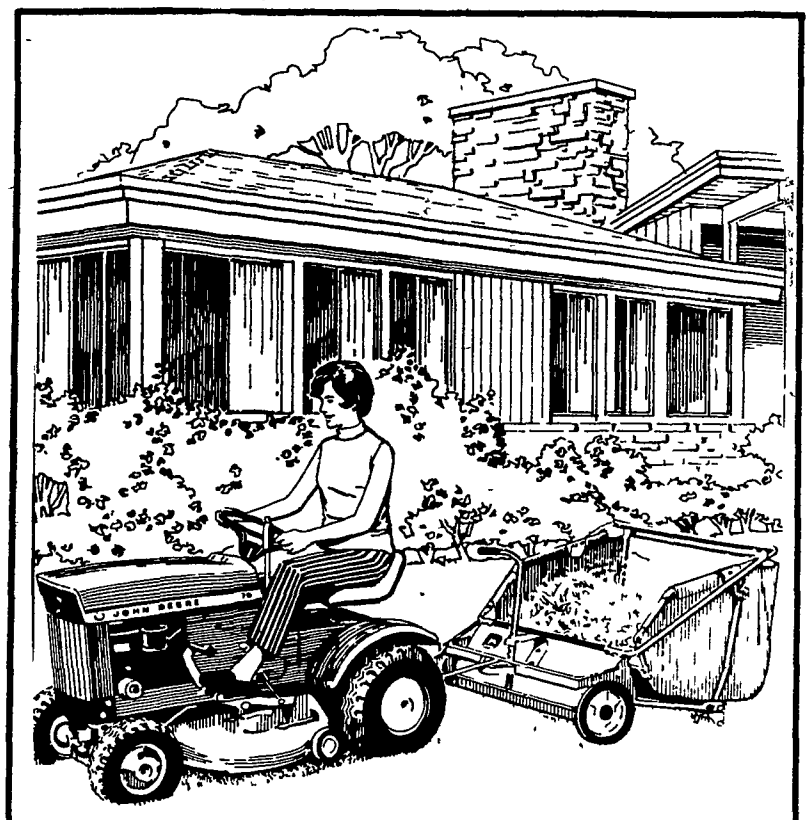

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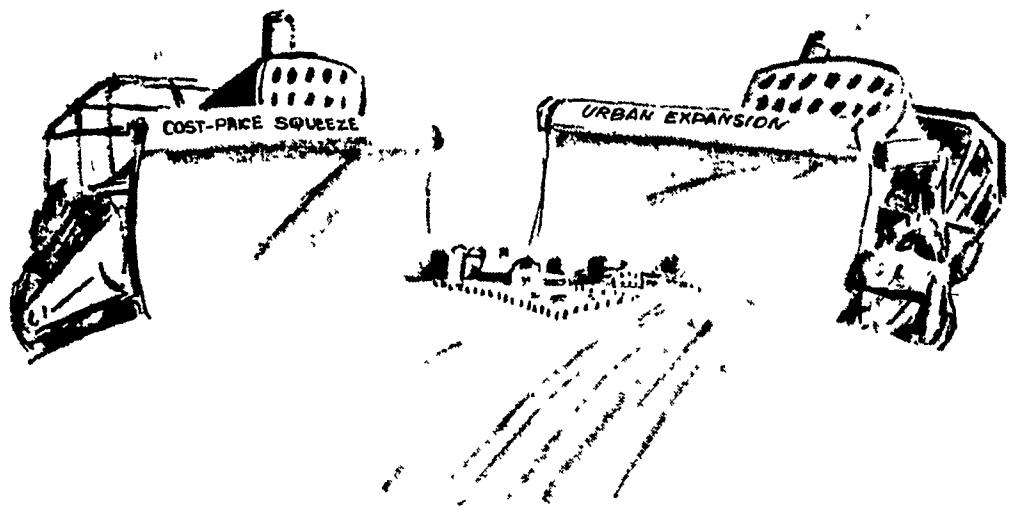
The American Farmer

Efficiency is Key to Survival



(Editor's note: This is the fifth and final article in a series on the American farmer. The articles, furnished by DEKALB AgResearch, Inc., were written to help increase the public's understanding of the American farmer and the importance of agriculture to our economy.)

Efficiency is the name of the game The gap between costs and prices represents profit It's this gap that every farmer tries to keep as wide as possible

The farmer has little control over the prices he receives. He can protect himself by hedging in the futures market, but this market, in itself, reflects a totally free supply-demand situation. Another alternative is to contract for sale of his crops, but when he does this he often trades off opportunity for top profits in favor of security.

Since the market doesn't respond to the farmer's wish, the most practical means of assuring himself of a profit is to keep his production costs as low as possible. This is hard to do when the costs of his inputs keep rising. For example, between 1957-59 and 1969, farmers were faced with a 77 percent increase in hired wage rates, a 33 percent increase in the price of motor vehicles and a 106 percent increase in taxes.

Faced with a situation like this, farmers have been forced to seek efficiency -- or else stop playing the game!

Even with recent increases in prices of agricultural commodities, the average income of the American farmer is still below that of his urban neighbors. In 1972, disposable income per farmer was still only 78 percent of that enjoyed by nonfarmers. It's ironic that this is the way the American farmer is rewarded for his increase in productivity -- an increase that far exceeds the increases in productivity of both his blue-collar and white-collar neighbors.

The cost-price squeeze is making it difficult for young farmers to get started. A recent study in Illinois found that nearly 20 percent of the farm boys who entered farming during the period 1945-54 failed to make it in that vocation.

Food prices have been drawing headlines recently. But, compared to income and increased prices of other products, food is still a bargain.

Given recent increases in food prices, it is a fact that these prices are lower now, in proportion to expendable income, than ever before in history. For example, consumer income increased 63 percent in the 1960's, while the food expenditures were up only 31 percent during the same period. Income less food expenditures was up $960 or 73 percent Still, someone has to absorb the blame when prices do climb

The farmer is seldom the cause of such increases, and he seldom benefits from an increase He receives an average of 40 cents out of each dollar spent on food at the grocery store -- the remainder goes for processing and marketing. Compare this 40 cents to the 50 cents he received from each food dollar in 1947-49.

Because of the many steps involved in food production, perhaps no one segment can be saddled with the blame when food prices rise. But keep in mind that the farmer does not willfully cause food prices to increase. He does not set the price on his goods at the marketplace. What he sells for a profit today may bring him a loss next week because of the simple economic law of supply and demand. How many other segments of our economy are willing to settle for that kind of security?

His Future

What about the future of the American farmer?

He's likely to continue to decrease in number unless the rules of the game change. The relentless pressures of economies of scale, increasing technological complexities, high "start up" costs, and his minority political position combine to suggest that farms of the future will be fewer and bigger. But he's not going to be driven off by big, vertically integrated conglomerates. He's too tough a competitor, too flexible, too dedicated, for them.

He's important to America. He has made it possible for Americans to eat the best food at the lowest price in the world, and he is by far our biggest producer of foreign exchange. He's tired of being criticized because government production controls are necessary to avoid disastrous overproduction. Instead of being appreciated because he produces food at the lowest cost in the world, he hears demands for price controls when the price of his product starts moving upward for the first time in 20 years.

The United States faces a national policy choice: to continue to encourage him, to help him survive as the world's most efficient food producer; or, by shortsightedness, to force him into the control of marketing conglomerates through the

(Continued On Page 21)

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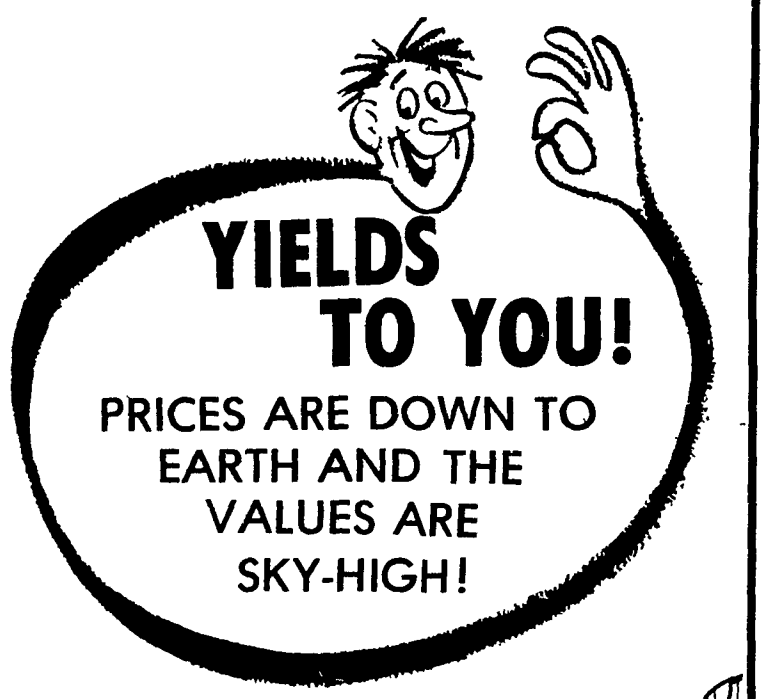

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Survival

(Continued From Page 20)

ruthless economic pressures of disastrous overproduction.

Many in agriculture strongly support national policy that (a) helps him avoid overproduction and unfair prices, (b) helps him get credit on reasonable terms, (c) makes new technology available to him and (d) encourages the development of readily available, competitive markets for his products.

Let us all salute the American farmer ... the world's most important businessman. His amazing ability to produce has been a strong and positive force in the world economy.

Residues Found In Meat And Poultry

U. S. Department of Agriculture (USDA) laboratories found 64 violative residues out of 3,385 samples of meat and poultry products tested during the first quarter of 1973.

A total of 18,400 tests were run on these samples, according to meat and poultry inspection officials of USDA's Animal and Plant Health Inspection Service (APHIS).

USDA's residue survey is a continuing program that helps assure the wholesomeness of our food supply. When above-tolerance residues of antibiotics, growth promotants or other drugs are found, the test results, portions of the sample and the name and address of the owner of the animals or birds involved are turned over to the Food and Drug Administration. FDA has legal authority over animal feed additives and drugs.

APHIS conducts a three-pronged drive to prevent violative residues from getting into the food supply. The first prong is a national random sample testing program to monitor normal slaughter operations. Results of this survey give an indication of residue problems in the total livestock and poultry population. The second prong is similar to the first but is conducted in limited areas where the national survey has indicated there is the greatest chance of finding a specific residue. This phase of the monitoring program is not representative of the national situation.

The third prong is the APHIS requirement of proof of compliance for each flock or herd prior to slaughter if residues have been found in either of the survey programs. All such testing is at the owner's expense and continues until APHIS is sure that no residue problem exists.

In addition, selective samples are taken for analysis when an inspector finds an injection site or other sign that makes him supect that a residue might be present.

During the quarter, APHIS took samples of liver, kidney, fat and muscle from bulls, steers, cows, heifers, calves, hogs, lambs, young and mature chickens and turkeys. Each sample was tested for one or more possible residues of pesticides, growth promotants, antibiotics or other animal drugs.

DES -- APHIS continued to monitor for diethylstilbestrol even though its use as a feed additive for cattle and lambs was banned by FDA on Jan. 1. It's use as an implant also was banned recently. Of 1,547 samples taken in selected areas up to April 21, nine contained DES residues. All residues were found in steer livers. No DES residues were found in steer muscle, lamb liver or lamb muscle.

ARSENIC -- APHIS found residues of organic arsenicals in the livers of about 14 percent of the young chickens tested nationally last year. The sampling rate was increased to detect any widespread misuse of these feed additives. Of 902 samples analyzed during the first quarter of 1973, 5.3 percent (48) contained above one part per million of arsenic in liver tissue -- the tolerance set by FDA for this animal drug. No violative residues were found in swine.

In addition to DES and arsenic, APHIS found residues above tolerance levels of antibiotics in two calves, and five chlorinated hydrocarbon pesticide residues in various classes of livestock.

Allowable residues of DDT and other chlorinated hydrocarbons continue to be found in the fat of all classes of animals and birds. Nearly all of these residues are in amounts less than one-half of one part per million -- well under the tolerance set by FDA for these chemicals. Tolerance for DDT, for example, is seven parts per million.

"Even a woodpecker owes his success to the fact that he uses his head"—**Tony Beebe**, The Spencerville (Ohio) Journal News.

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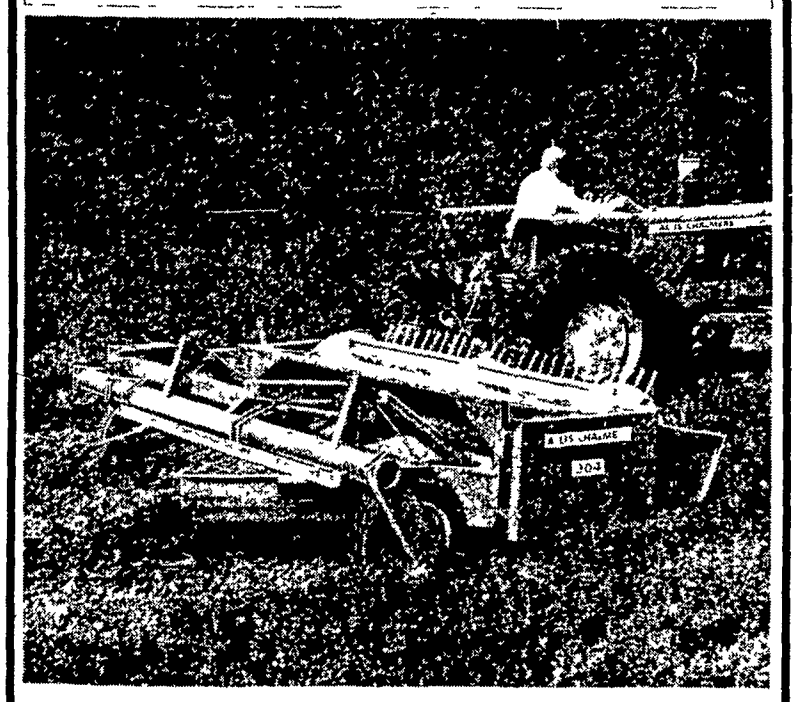

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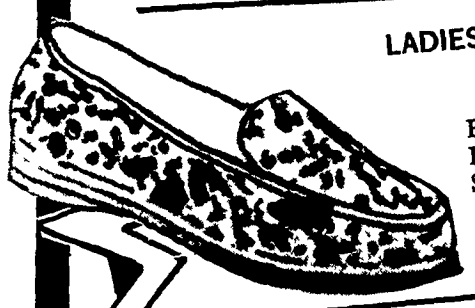

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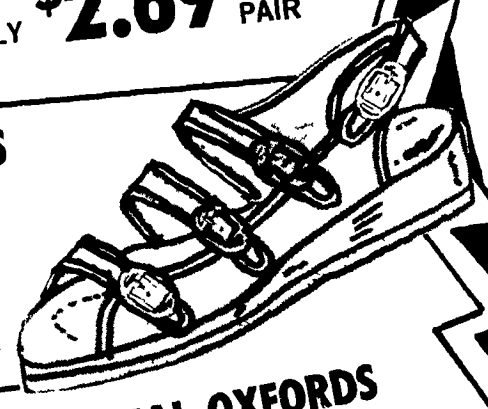

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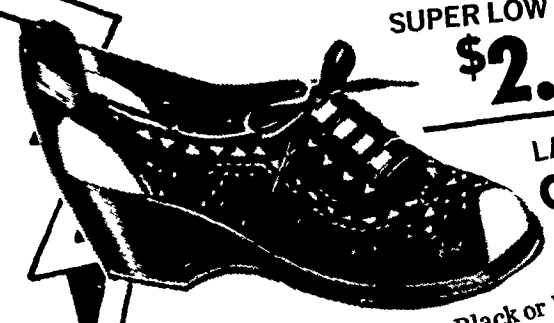

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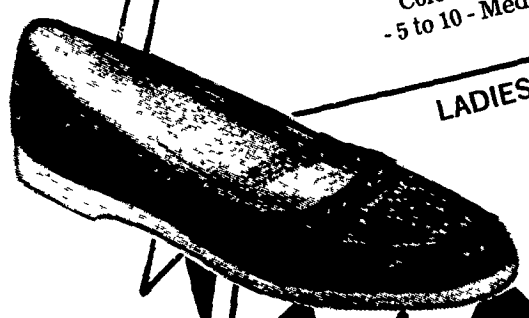

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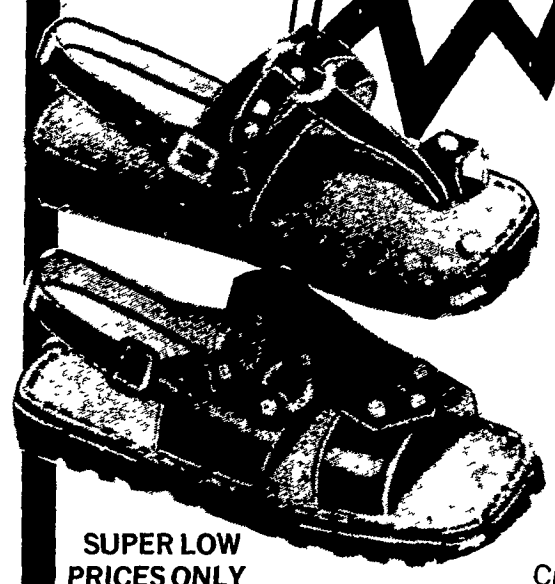

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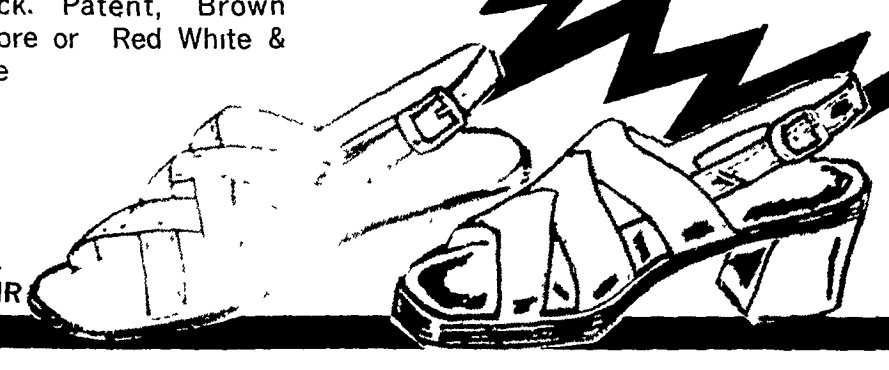

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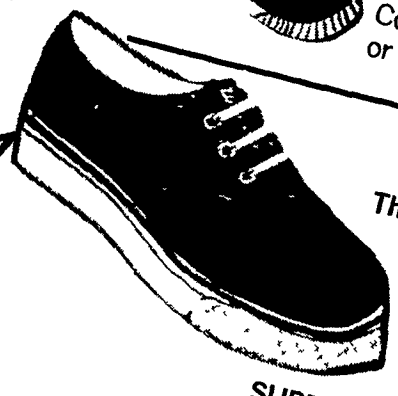

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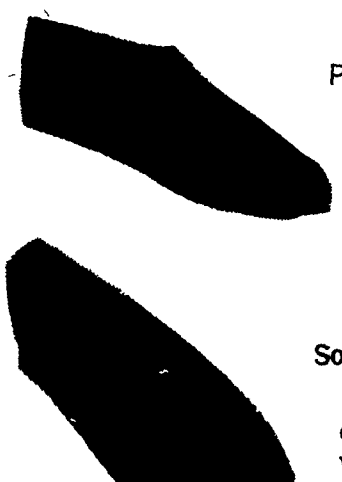

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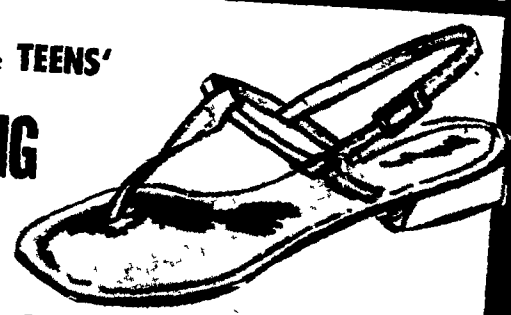

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Homestead Notes

Pat Erway, Editor

In-Depth Study Work and Fun For Michigan Women

By Sally Bair
Feature Writer

Eighty-eight Michigan homemakers were treated to a view of the Pennsylvania Dutch country last week that most tourists never see.

They visited in homes of Farm Women Society members and learned how to prepare local food specialities at a program arranged by the county Farm Women.

The visitors were from Wayne County, Michigan, where Detroit is located, and Oakland County, where Pontiac lies. Although they were mostly suburban or non-farm women, they eagerly watched the demonstrations, asked questions and took notes, determined to learn all they could in the one busy day they spent in the county.

The homemakers were here on a unique study tour — a first for them Janice Kukar, extension home economist in Oakland County, stressed that the trip was "not just for pleasure." She said, "The women really want to learn more, and I am extremely pleased with the way they have taken on the responsibility."

The responsibility she referred to is a big one, for they are planning to take back all that they learn and share it with their homemakers' groups in Michigan. Eventually the story of their visit will reach 1800 women in the two counties.

To make sure they cover every aspect, the women were divided into committees - 12 in all - to study the foods, history, culture and crafts of the Pennsylvania Dutch. There was also a picture and scripts committee whose job it was to record their visit with slides so that complete programs can be presented to their homemakers' groups on their return. According to Wayne County home economist Cathy Gallagher, "The committees will put together a booklet and study packet of their experiences to assist in presentations to local clubs."

The women arrived in Lancaster County last Wednesday evening, spent the night in the homes of Farm Women, and were at the Farm and Home Center bright and early Thursday morning with notebooks and cameras in hand to learn about this culture called "Pennsylvania Dutch."

Foods demonstrations included making chicken pot pie, shown by Mrs. Robert Noll, Lancaster; making snitz and knepp, Mrs Arlene Witman, Mount Joy; and funnel cakes, demonstrated by Mrs. Mary Sarver, Mount Joy. The visitors watched intently, and wanted to know every detail.

The Michigan homemakers were also interested in the crafts of this area, so Mrs. Barbara Eberly, Elizabethtown, showed towle painting and Mrs. Janet Buchen, Manheim, talked about decorating eggs. Both had many samples of their crafts on display.

Mrs. Marian Fielhauer, Wayne County, explained that the homemakers groups had always studied the culture, people and foods of other countries. This year they decided, "Why not learn about us?" And so, they chose the Pennsylvania Dutch to visit and study.

Mrs. Fielhauer added that the visits into the homes of Farm Women here made them realize that, "We are all sisters at heart and share common interests." She said that despite all the negativeness you hear about, when you get to know other people, you realize that the negative side is a very small minority of the people.

Lancaster Farming Photo

The Michigan homemakers sample the Pennsylvania Dutch foods provided for lunch. The lunch was a highlight of the Michigan homemakers' visit to Lancaster County.

Mrs. Betty Bulka, Oakland County, said the trip had been "A marvelous experience." She said, "It is relaxing to see some green, and the country-side is gorgeous." She commented on the jugging operation they visited in Berks County, saying she had never seen cows milked that way.

"I loved every bit of it," said Mrs. Helen Harris, Wayne County. She said the most impressive thing was that there was "no litter on the roadsides," and the "homes are kept so clean." She also remarked about the respect that is shown for one another here.

Lancaster Farming Photo

The Extension home economists who accompanied the group are taking pictures of the Pennsylvania Dutch dishes to show homemakers back in Michigan.

Lancaster Farming Photo

A committee of local farm women sets the buffet table with traditional Pennsylvania Dutch dishes. Mrs. James Garber made the table decorations.

As a first step in sharing their knowledge, Cathy Gallagher said that the program for their upcoming homemakers banquet will be "Foods and People - Pennsylvania Dutch." In Oakland County there will be a "College Day" for homemakers when there will be speakers and seminars on the Pennsylvania Dutch.

In preparation for these events, the women bought many non-perishable items, such as chow-chow, to display. Other food items will be prepared by the women from the recipes they got with the demonstrations and lunch.

The local program was planned by a committee of Farm Women,

(Continued On Page 25)

Lancaster County home economist, Doris Thomas, offers funnel cakes to the Extension workers from Michigan. From left, Mrs. Mary Denlinger, Farm Women County president; Mrs. Opal Ruhl, committee chairman; Cathy Gallagher, Extension home economist, Wayne County, Michigan; Mrs. Doris Thomas; Janice Kukar, Extension home economist, Oakland County, Michigan.

Lancaster Farming Photo

Homemakers

(Continued From Page 24)

coordinated by Extension Home Economist Doris Thomas and County President Mrs. Mary Denlinger.

Committee members were Mrs. Opal Ruhl, president of Society 19 and committee chairman; Mrs. Dorothy Elmer, county secretary; Mrs. Nora Herr, president, Society 14; Mrs. Edna Buckwalter, president, Society 18; Mrs. Emily Greenwalt, president, Society 15.

The menu for the lunch included chicken corn soup, snitz and knepp, chicken pot pie, chow chow, red beet eggs, apple butter, egg cheese, homemade bread, funnel cakes and shoo fly pie. All the foods were made and donated by Farm Women Societies, and recipes were given to the visiting homemakers.

The women had traveled to Berks County on Tuesday evening and spent Wednesday visiting a mushroom farm, a growing operation and cannery. They also saw a milk jugging operation, visited the Pagoda, toured the 1815 Moxon home, restored and furnished with antiques.

They had lunch at Stokesay Castle and the Kutztown Grange prepared supper for them. They had a speaker early in the day on Berks County history and culture, and they spent some time at the Leesport Auction.

After their lunch at the Farm and Home Center Thursday, the Michigan homemakers visited Landis Valley Farm Museum and the National Wax Museum. From there they toured the Amish countryside, on a tour arranged by Mrs. Pauline Stoltzfus, Ronks, a Farm Women Society member who takes tours with the Mennonite Information Center. As they toured, they learned the history of Lancaster County and the Amish. Several stops were made on the tour.

They topped off their busy day with dinner at the Good and Plenty Restaurant, and left for home at about 9:30 p.m.

Before they left they extended a warm invitation to the homemakers of Berks and Lancaster Counties to visit them on a similar trip next year.

The Michigan women were very enthusiastic about their trip to the Pennsylvania Dutch country, and they hope this will be the first of many such extension study tours to help them learn to know our own country better.

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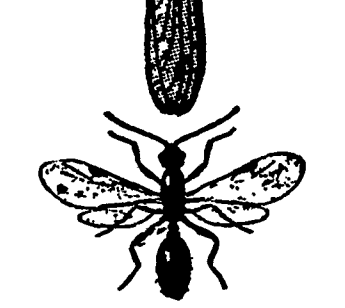

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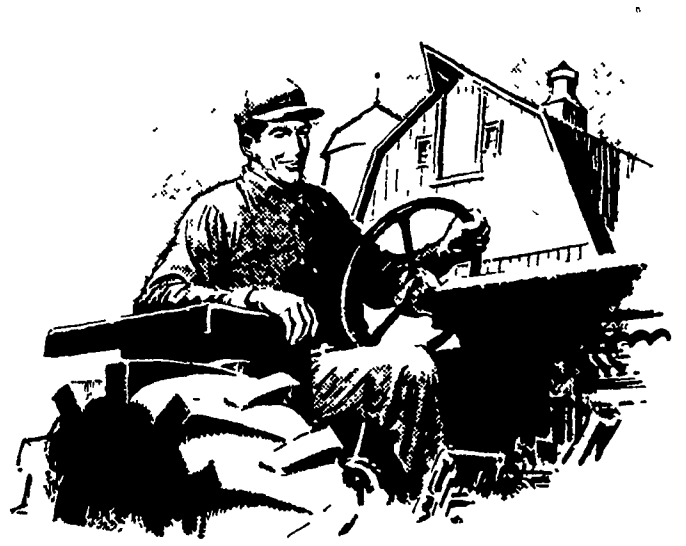

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Ladies, Have You Heard?

By Doris Thomas, Extension Home Economist

Doris Thomas

Tips On Using Shallots

Shallots are an old seasoning but they may be new to you. The shallot supposedly came from the lands along the eastern Mediterranean. The French brought them to Europe many centuries ago. Charlemagne had them grown in his famous garden twelve hundred years ago. All this while French cooks have thought of more and more delicious uses for them. The French who settled Louisiana almost three centuries ago had shallot bulbs with them. And shallots have always been used in New Orleans and Cajun cookery. The freeze-dried shallots on your spice shelf were no doubt grown in California and prepared and freeze-dried by the most efficient modern methods.

You can identify shallots by their distinctive bulbs which are made up of garlic-like "cloves." Unlike garlic, however, the individual cloves are not encircled by membrane.

Shallots have not been an everyday ingredient in American kitchens until recently because they were not available most months of the year. Now freeze-dried shallots can be stored on the spice shelf ready for instant use. Sprinkle shallots on food or measure out in desired amount for any recipe while mixing or cooking – in salad dressing, soups, stews, fish, poultry, meats, sauces, stuffings and eggs. The delicate distinctive aroma of shallots is ideal for chicken, veal and seafood dishes, too.

If you are modernizing a traditional recipe which calls for shallots, use just as many teaspoons of freeze-dried shallots as fresh. Whenever a recipe calls for "one shallot" that means one clove, never a whole bulb.

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Do you need a desk with plenty of room on the top and lots of storage space too? Then improvise one ... from a door and two filing cabinets.

You can buy an unfinished, standard eighty-inch door in a range of widths ... from eighteen inches to thirty six inches. Just choose the best size for your floor space.

One idea is to buy a flush interior door twenty-inches wide, and a pair of inexpensive two-drawer filing cabinets. Sand away any rough edges on the door and paint it to blend with other colors in the room. Or finish it in a natural tone with clear varnish.

Now, paint the body of the filing cabinets to match or contrast with the painted door. Then, paint the file drawers a contrasting color, or cover them with a harmonizing fabric.

You can even put this arrangement of filing cabinets and table-top door between two twin beds, giving you beside tables as well as desk space. The ideas for decorating and using this desk are unlimited. Just use your imagination.

In the Kitchen

CORNED BEEF SPREAD BREAD

1 pkg. hot roll mix (13¾-oz.)
¾ cup warm water
2 cans corned beef spread (4½-oz. size)
¼ tsp dry mustard
1 tbsp. instant minced onion
1 tbsp. poppy seed

Sprinkle yeast from roll mix onto water. Put remainder of roll mix into a bowl and mix in corned beef spread, mustard and onion. Stir in yeast mixture and knead until smooth. Cover bowl with plastic bag and leave to rise for one hour. Cut dough in half. Roll each piece into three sausagelike strips. Make two braids. Sprinkle with poppy seeds. Let rise 15 minutes. Bake 50 minutes at 400 degrees.

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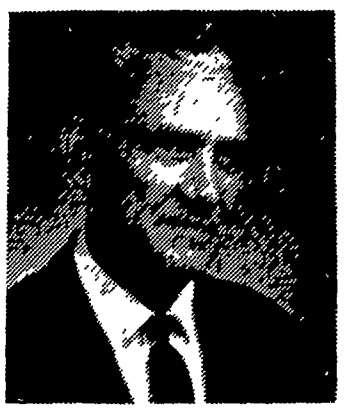
Samuel O. Swartz, Jr.
RECORDER OF DEEDS

Life-long resident of Reinholds • Justice of the Peace 17 years • Appointed 1971 to Board of View of Lancaster County • 30-year member Swamp United Church of Christ, Served as Deacon, Elder and President of the Consistory • Member of Reinholds VFW, Lions Club, Watershed Association and Fire Company • U S Army veteran, WWII • Successful long-term business career in insurance • Presently in 2nd term as East Cocalico Township Committeeman

S. Kenneth Cliff
PRISON KEEPER



Candidate for fifth term • Distinguished record with Lancaster Police Force, former Captain of Detectives • Pioneered prison reform and innovative programs at County Prison • Helped plan current renovation program at County Prison • U S Army veteran, World War II • Member American Legion Elks and Fraternal Order of Police

Isabelle R. Rudisill
JURY COMMISSIONER

Manager of local business office • Volunteer in numerous local charity organizations • Past chairman of County Young Republicans, won Young Republican of Year Award, 1965 • Delegate to Republican National Conventions • Served on GOP National Credential Committee • Member, Trinity Luthern Church

PRISON INSPECTORS

Jacob W. Heisey

Prison Inspector 1970 to present term • Past president of Elizabethtown Chamber of Commerce and Rotary Club • Notable civic record • 36 years former West Donegal Township Committeeman

Barry E. Haverstick

Corporate Patent Attorney • Graduate of Penn State with BS Electrical Engineering Dickinson School of Law • Member of local state, and national American Bar Associations • Member Republican National Finance Committee

Evelyn Neff

President of Lancaster County Prison Board • Former Red Cross worker for 27 years • Canteen Chairman • Member Grace Lutheran Church, Women's Republican Club Landis Valley Association and Farm Women No 10

Edgar W. LeFever

Graduate of Penn Manor High School • Retired Farmer • Long service as Treasurer and Trustee of Evangelical Congregational Church • Member of Conestoga Ambulance Association

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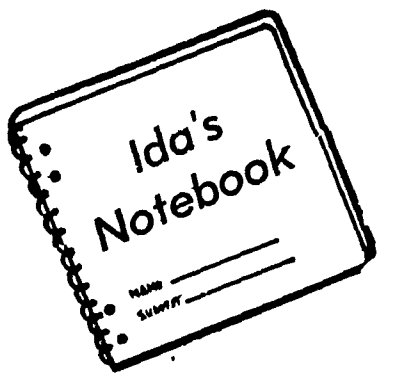

Ida Risser

For the past 20 years I've had little knocks at the front door and found small bouquets there. This year was no different as my children followed May Day custom.

A few more years and they'll be too old for this ceremony. Guess I will have to hope for grandchildren to follow this rite as the little vases of meadow and roadside flowers are so pleasing to me.

xxx

We had friends from the suburbs visit in our home recently and the price of a good dairy cow became the topic of conversation. They didn't realize how much one cost and when I said it was a sad day when one died, a lady said, "Do they do that?"

Do they do that! The very next day the scavenger had to remove two of our cows. They have operations and die the same as people. It is hard for us to realize the problems with which other people have to deal. We feel our own are the important ones.

xxx

There are many articles written stating the high prices which farmers pay for goods and their small margins of gain. Others compare the farmers purchasing power to the factory workers take-home pay. I'd like to tell a story that has been a favorite of mine for many years. "Long years ago a baker took bread each week in a long dirt lane to a farmer who in turn sold his butter to the tradesman.

"Many months went by and one day the baker asked the farmer why he was giving him a smaller pat of butter each week.

"The farmer explained that since he had no weights he was simply balancing the butter on the scale with the 'one-pound loaf' of bread which the baker had been selling him."

Farm Women Calendar

Saturday, May 12

12:30 p.m. -- Farm Women Society 16 entertain Society 31, home of Mrs. Graham, Green Tree.

1:30 p.m. -- Farm Women Society 25 meeting.

2 p.m. -- Farm Women Society 7 meeting.

Wednesday, May 16

Spring Rally, Cambria War Memorial Arena, Johnstown.

Saturday, May 19

12:30 p.m. -- Farm Women Society 12 entertain Society 27, Farm and Home Center.

1:30 p.m. -- Farm Women Society 5 entertain Society 20 and County Officers, United Church of Christ, East Petersburg.

2 p.m. -- Farm Women Society 3 meeting, Alice Trumbauer, hostess.

2 p.m. -- Farm Women Society 8 meeting, home of Mrs. Harold Frey.

Farm Women Society 18 meeting, home of Mrs. Igerna Smith.

Chair Shopping

When shopping for straight chairs, see that they don't wobble but stand level on the floor. The bracings and joint under the seat should be solid and tight. If you can remove the seats of an upholstered chair by taking out the screws, it will be easier to recover, advise Extension specialists at The Pennsylvania State University.

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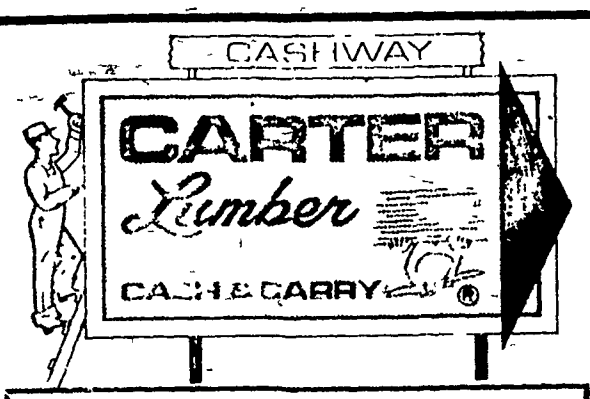
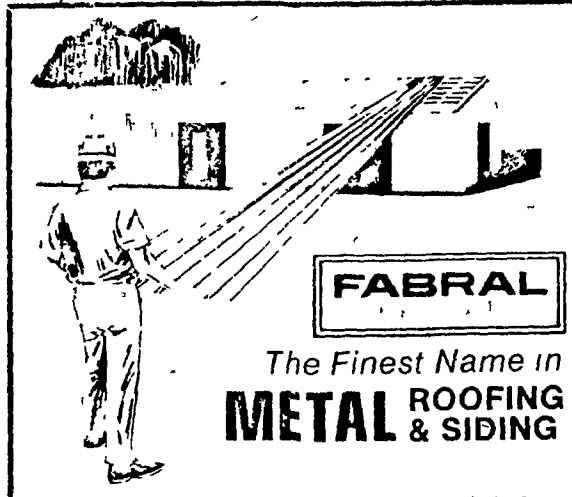


POLE BARN MATERIAL HEADQUARTERS



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	18'		$9 56
	20'		$10 84
6"x6"	14'		$10 67
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Farm Women Societies

Society 10

Farm Women Society 10 members were entertained recently by the Rev. Donald Zechman, pastor of Bethany United Methodist Church, playing several organ selections.

Mrs. Lawrence Tucci, Millersville Pike, was featured in a talk about crosses. She displayed more than 50 crosses from her collection gathered in many countries and told a story about each. She concluded her talk by giving each person present a puzzle which became a cross when the "special" piece was added. She also explained kinds of crosses and their origins.

Hostesses for the day were Mrs. Jacob Esbenshade and Mrs. Loretta Shank. Mrs. John Esbenshade led devotions.

Society 10 members will be entertained May 24 by Society 26 in the Wenger Building, 1516 Lititz Pike.

Society 10 will entertain members from Society 25 at a luncheon June 2 in the Community Room at Gimbels, Park City, with Mrs Harry Weider in charge of devotions.

The next regular meeting of the Society will be held at 1:30 p.m June 9 at the home of Mrs. Mahlon Delp, 145 Delp Road. Mrs. Jacob Evans will be cohostess.

Society 11

Farm Women Society 11 met last Thursday in the Church House at Chestnut Level, with Society 26 members as guests. Other guests were Mrs. Smucher of Lansdale, sister-in-law of Mrs. Ammon Huber, and Mrs. Edwin Witmer of Quarryville.

A dinner was served at noon after which the business meeting was conducted. Devotions were conducted by Mrs. Esther Musser. Flag salute was conducted.

A donation was made to the Easter Seal fund in March. Several members of Society 11 gave a day at the Center to help with the Easter Seal mail. An invitation was extended to attend a Tea which is held each year as a "Thanks" to all volunteer workers. At the Tea, it was reported that the goal had been reached for funds to carry on the work for the crippled and helpless of the city and county for another year

Members of Society 11 and County officers were guests of Society 27 in April at the Donegal Church. Music was furnished by Mrs. Paul Earhart and her children. A book review was given by Mrs. Frank Eshleman on the book "Golda", written by Peggy Mann, on the life story of Prime Minister Golda Meir.

Letters were distributed to all present to be signed and sent to the National Aeronautics and Space Administration to encourage all concerned to keep reading the Bible on flights to the moon.

Seven members of Society 11 and two guests, Misses Helen Snyder and Gertrude Johnson, gave a day in the sewing room at General Hospital recently

A representative from the Lancaster Auto Club spoke and showed slides at the meeting, explaining the dangers in congested traffic and giving several tips on safety in driving.

The May meeting will be held May 31 at the home of Mrs. Betty Burkins.

Society 23

Farm Women Society 23 Mothers and Daughters were honored at a full course dinner served in the historic farmhouse ot Mr. and Mrs. Ralph Kauffman, Central Manor, Lancaster RD2. A tour of the Kauffman homestead followed the dinner. The farm house, built in 1868, is furnished in antiques, many of which were found on the premises and restored or finished by Mrs. Kauffman.

During the program novelty prizes were awarded. Mrs. Robert Rohrer received a prize for having read the most Bible verses that day; Patty Newswanger, daughter of Mrs. John Newswanger, was carrying the most family pictures in her wallet; Mrs. David Charles was the oldest mother present; Mrs. Joseph Hamblin, married April 21, was the newest bride, and Mrs. Robert Miller was the youngest grandmother.

Arranging the program were Mrs. Edgar Funk, Mrs. Harold Hoak, Mrs. Robert Rohrer and Mrs. Ralph Kauffman. There were 42 persons attending.

Mrs. Leroy Funk was in charge of the devotional portion. She read from the Bible and poems on the subject of mothers. Readings and songs were also featured by guests.

A family picnic and covered dish supper is planned on June 16 at the summer home of Mr. and Mrs. Charles Frey, Long Level, in York County.

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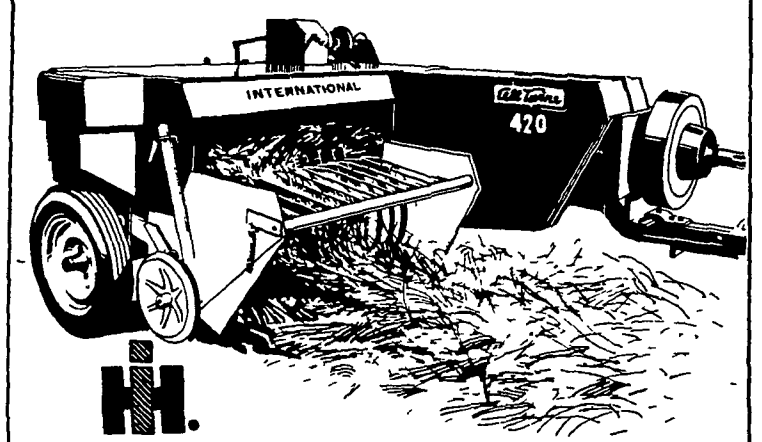

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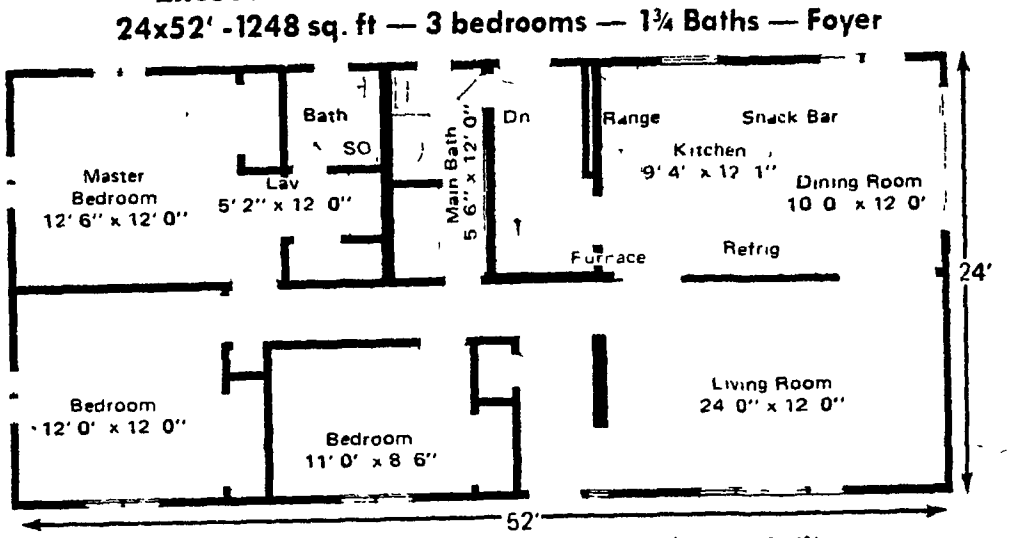

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Veal Producer Pins Hopes On Climate Controlled Barn

A veal producer in Kempton, Pa., hopes to rear his calves to market weight totally without medication.

Chuck Dixon, general manager of Kammerle Farm, said he hopes to accomplish that feat in a new 5,000-square-foot, $125,000 barn with a sophisticated climate control system. Dixon designed the barn in conjunction with Air Engineers, Inc., of Allentown.

One of the major aims was to provide the maximum amount of air circulation with the minimum amount of disturbance; to provide a continual soft blanket of fresh air without drafts.

A Ceramaguard ventilating ceiling developed by Lancaster's own Armstrong Cork Company was specified for the new barn because it allows air to be distributed evenly over the entire area without drafts and because it is not affected by high humidity conditions necessary for the health of the calves.

The entire area above the ceiling acts as a plenum supplied with fresh air from two giant fans located at the end of the barn.

Chuck Dixon, general manager of Kaemmerle Farm, Kempton, Pa., stands in his new calf holding barn which is making it possible to hold calves for 14 weeks with virtually no medication.

The air is automatically heated when necessary, then mixed with water vapor to provide the required humidity. It then drops through thousands of tiny holes in the ceiling to provide an even distribution of conditioned air throughout the barn.

Space between the barn's inner and outer walls serves as both insulation and an exhaust chamber. The air is pulled through vents in the outer walls near the floor by exhaust fans.

Fresh air comes down to the floor and is pulled out at floor level so that fumes are pulled away from the calves.

This is expected to greatly reduce the possibility of lung problems as well as to provide a more relaxed environment that will keep the calves on their eating program.

The new barn houses 216 calves, and replaces an old facility of the same size. Besides automatic climate control, the new barn was designed to reduce labor costs by a good 50 percent.

Dixon said one of the problems in the old barn was the constant need for changing fan settings throughout the day in order to keep the air flow and temperature even. Frequently changing outside conditions also created the need for closely watching the inside atmosphere.

The new barn will let Dixon keep the temperature at between 55 and 60 degrees and relative humidity at 40 to 60 percent. The air conditioning system includes intake and exhaust fans, pads that are wetted by pumps to cool and to provide moisture and automatically controlled louvers. The barn is warmed in cold weather by steam heat. A humidifier that can add water to the air is also contained in the plenum.

Adapted Flag

The District of Columbia has a flag consisting of two horizontal red bars on a white field and three red stars in the top white space. It is said to have been adapted from George Washington's family coat of arms.

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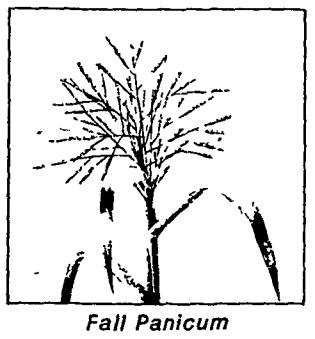
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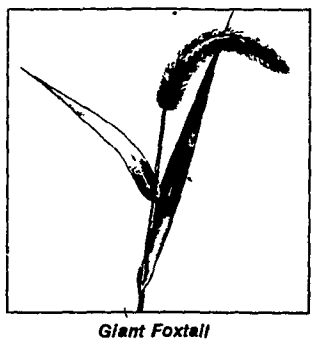
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Funk Urges

(Continued From Page 1)

constitution. The change has also been endorsed by the Lancaster Chamber of Commerce and virtually every farm group in the county and state.

Funk pointed out to the newsmen at the conference that reassessments in nearby counties had resulted in vastly higher taxes for farmers. Some of the farmers' tax bills increased by seven-fold, a crippling bite which could force many farmers out of business.

Under present Pennsylvania law, Funk said, all land must be taxed on the basis of its market value. This works against farmers because market values for their farmlands keep going up faster than the general rate of inflation. Taxes which are based on market value will keep taking a disproportionate share of the farmer's income with every reassessment.

"We haven't had a county-wide reassessment here for 13 years," Funk noted, "and we're going to have one within two years. If we don't get special tax treatment for farms, we're not going to have many farms left after that reassessment."

Some farms in the county are presently paying taxes at a rate below what it would be if they were taxed on the basis of their productive value. If the constitutional amendment is adopted, chances are these farmers would have higher tax bills,and in some cases those bills could double. "But this would be a lot better than paying taxes six or seven times higher than they had been," Funk said.

"Property taxes in 1945 represented 5 percent of a farmer's net income. Today they represent 17.5 percent of net income, and they are the farmer's fastest growing cost of business," Funk told the group.

In response to a question as to whether or not farmers would be paying less taxes while everybody else paid more, Funk replied that in no case would a farmer's tax bill go down if the amendment were passed. The immediate effect of any legislation, would in fact, probably be to increase the farm sector's contribution to the county tax treasuries.

"We're not asking for special privileges," Funk asserted. "Instead, we're trying to keep taxes on farmland from rising faster than the rate of inflation."

Funk said a levelling off of farm taxes would tend to preserve farmland by making it less attractive for farmers to sell to developers, highway businesses and industry.

He explained that farmers not pressed by unusually high taxes would be more inclined to continuing farming their land.

Funk said Pennsylvania has lost about one-third of its farmland since 1960, partly because property taxes have jumped 295 per cent.

Amos Funk, chairman of the Lancaster Chamber of Commerce agriculture committee, talked to reporters at a news conference on Tuesday.

Enjoy Vegetables Longer

Home gardeners can enjoy certain garden vegetables longer by making two or more plantings. Plant only enough seed like lettuce, radish, and spinach to provide the amount you can use during a short period, say Extension vegetable specialists at The Pennsylvania State University. Home gardeners do this by planting another lot a few weeks after the first planting.

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Scholarships

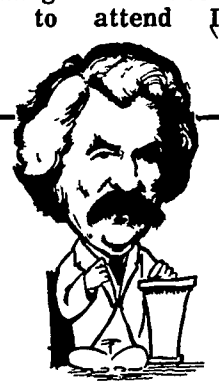
(Continued from page 1)

Donalee Meloy, daughter of Mr. and Mrs. Charles R. Meloy, 316 Landis Avenue, Millersville. She is graduating from Penn Manor, and plans to attend the University of Delaware.

Karen Sue Overly, daughter of Mr. and Mrs. Alfred R. Overly, Quarryville RD1. She is graduating from Solanco and plans to attend Indiana University of Pennsylvania.

Roxanne Stein, daughter of Mr. and Mrs. Richard B. Stein, Box 68, Mountville. She is graduating from Hempfield High School and plans to attend Penn State.

Robert Weaver,Jr., son of Mr. and Mrs. Robert F. Weaver, 2 Conestoga Road, Lancaster. He is graduating from McCaskey High School, and plans to attend the Mount Alto campus of Penn State.



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Mark Twain

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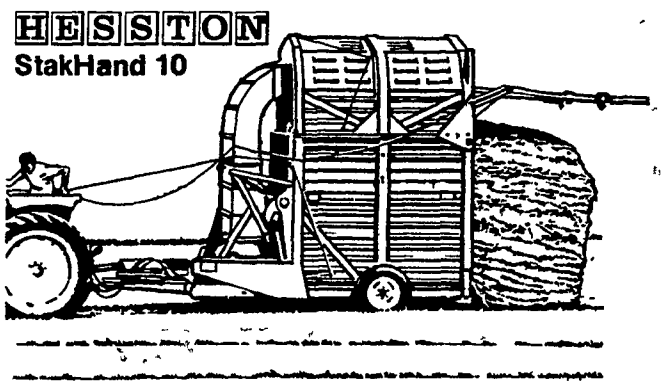

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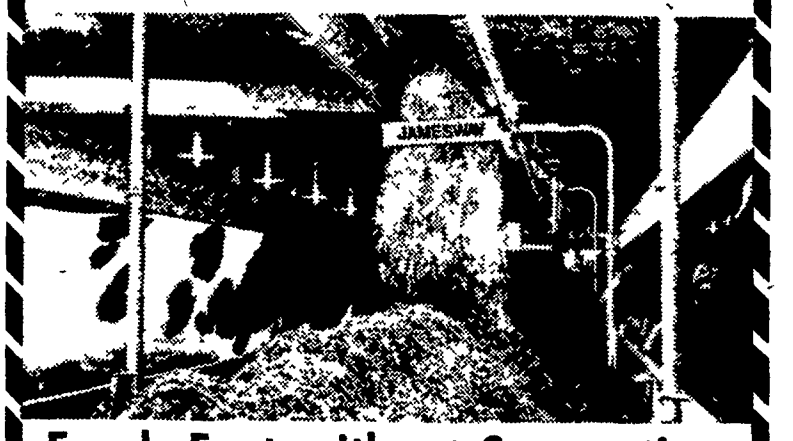

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Newly elected officers for Ephrata High School's Cloister Chapter FFA are, left to right, front row: Robert Strauss, secretary; Leonard Martin, treasurer, Barry Wissler, vice-president. Back row: Paul Horning, reporter; Mel Weiler, president, Rick Gensemer, secretary, Jim Felpel, chaplain.

USDA Proposes Wider Use Of Official Grade Names and Shield

Later this year, the U.S. Department of Agriculture (USDA) may allow wider use of the official grade names and shield on USDA-graded processed fruits and vegetables and related products, like peanut butter and jams.

In a proposed change in the regulations for grading of these products, USDA would permit the use of the official grade name, such as "U.S Grade A" or "U.S. Fancy," on products that were graded and certified on a lot basis, provided the products were processed in USDA approved plants. The proposal would also permit the use of the grade name within the official grade shield by plants operating under in-plant grading (pack certification) contracts, where a resident USDA grader certifies the quality of designated lots during or after processing. Currently, use of the official grade names and shield is limited to plants operating under USDA's continuous inspection program.

Another proposed change would provide that USDA inspectors use the Food and Drug Administration's (FDA) Good Manufacturing Practice sanitation guidelines when they check the sanitation of facilities and equipment in a processing plant prior to grading a food product A sanitation survey is standard procedure to help insure wholesome food A plant must meet certain sanitation criteria before USDA will allow the use of the U.S. grade and these standards must be maintained during processing USDA's present sanitation requirements are nearly identical to FDA's.

The proposed standards would also include a detailed account of the procedures USDA uses when withdrawing grading from a plant, including a list of the most common reasons for which this is done, and it would revise product sampling plans to provide more representative samples. In addition, other portions of the regulations would be updated.

The proposed revssion was scheduled to appear in the May 7 Federal Register. Written comments, in duplicate, will be accepted until July 5 by the Hearing Clerk, Room 112-A, U.S. Department of Agriculture, Washington, D.C. 20250.

County Council Reorganizing

The Lancaster 4-H County Council will begin a new year on May 17 at 7:30 p.m. at the Farm and Home Center.

The election of officers and plans for an exchange program with Michigan 4-H'ers will be items of business. Plans for a County Council-sponsored Road Rally to be held Sunday, May 20 will be finalized.

The evening's program will end with recreation and refreshments.

All newly-elected County Council representatives are urged to attend the reorganizational meeting of 4-H County Council.

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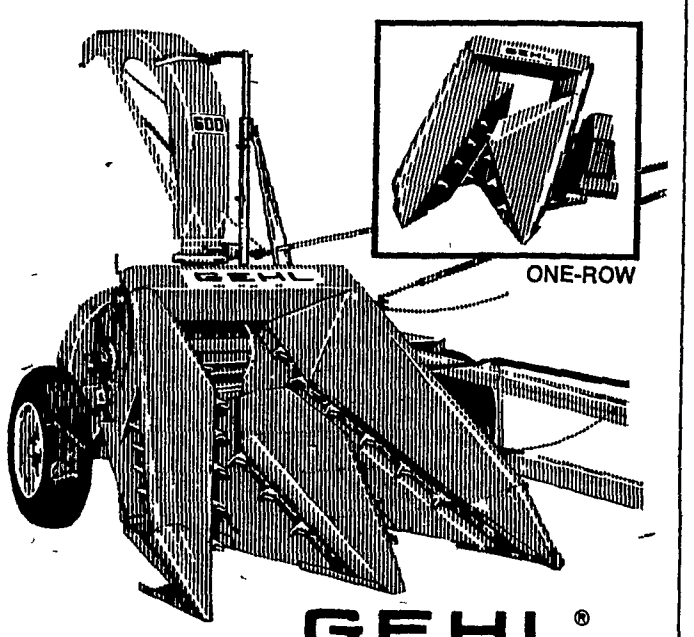

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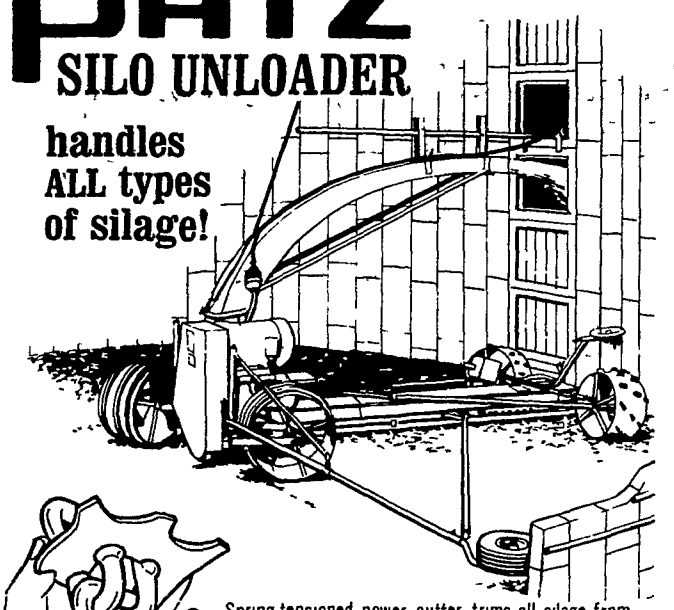

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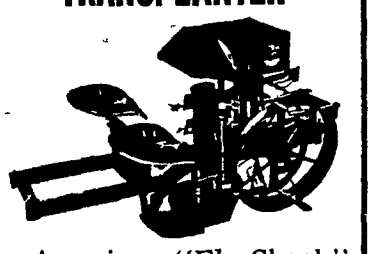

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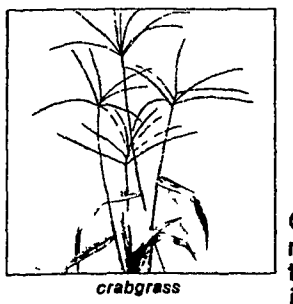
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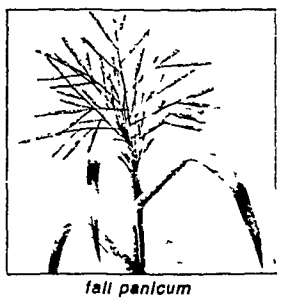
fall panicum

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Penn State Sheep Research Presented at Livestock Day

A truly enthusiastic group of Pennsylvania Sheepmen attended the 1973 Livestock Day at Penn State on March 22. One of the best crowds in recent years listened to Penn Staters present summaries of their recent research results. According to the enthusiasm shown by the sheep participants, a stronger sheep industry in the state may be coming in the near future. Some of the reports are summarized below.

Testing Makes Cents

Almost 200 lambs from 28 sires have been evaluated in the Meat Animal Evaluation Center sponsored by the Pennsylvania Department of Agriculture. Breeders consign lambs at weaning time for post-weaning growth and carcass evaluation. Although many rapidly growing and meaty lambs have passed through the station, none of the rams has received a superior rating based on the performance of their lambs. However, two Cheviot and two Hampshire rams have received excellent ratings. Part of the group of lambs from each sire is slaughtered, and the other half of each group may be left as rams for sale or use by the breeder at the end of the test. The comparisons over the past few years show that there are tremendous differences in the genetic ability of rams being used in Pennsylvania flocks.

Slaughter Weights of Ewe and Ram Lambs Important

Ram and ewe lambs were assigned to three different slaughter weights. Ewe lambs were slaughtered at either 90, 108, or 115 pounds. Ewe lambs slaughtered at greater than 108 pounds yielded extremely fat carcasses, and required costly amounts of feed to result in the last seven pounds of gain. All of the lambs were from western ewes (of Columbia, Suffolk and Hampshire breeding) and Hampshire rams. The 133-pound rams, the heaviest slaughtered in this study, averaged 27 inches of fat cover, which is not excessive. The amount of feed required per pound of weight gained was not excessive for the heavy-weight rams. According to these results, even large-type, growthy ewe lambs should not be slaughtered at more than about 95 pounds, and ram lambs should not be slaughtered over about 135 pounds Wethers of the same growthy type should not be slaughtered over 110 pounds. These results were based on weaning the lambs at about 90 days of age after a creep-feeding period, and feeding a high-grain ration from weaning to slaughter.

Factors Affecting Pelting Difficulty Studied

Hand fisting (removing lamb pelts) requires a great deal of labor The only real factor causing difficult pelting was that rams do pelt much harder than ewes Larger lambs did not pelt any harder than lighter-weight lambs, and none of the carcass traits measured (dressing percent, fat thickness, or pelt weight) affected the degree of pelting difficulty. There was some indication that different breeds did pelt harder than other breeds, and this will be studied in more detail Withholding water before slaughter was not important

Controlling Internal Parasites

Although there are many highly efficient and safe drugs to control the mature internal parasites of sheep, parasites are still a problem Good management must be used with medicines to control parasites. Some of the management practices discussed were allowing one head of cattle for each five or six head of sheep to graze together. The cattle will eat more of the coarse grass which the sheep will not consume, thereby improving the nutritional value of the grass eaten by the sheep. Rotating pastures each two weeks, leaving the grass short at the end of a two-week grazing period, will allow the sun to destroy the majority of larvae before they can become infective. Use of a rotary mower to cut off grass not consumed by the sheep after grazing also helps. Allowing lambs to graze new grass ahead of the ewes (pasture creeping) also reduces larvae exposure of the young animals. Ewes which produce enough milk for the lambs also maintain a thriftier condition. Winter feeding and watering facilities should be kept clean.

Ration Characteristics Related

One of the keys to profits in sheep production is maximizing the use of high quality forages. Different amounts of concentrates and roughages have been fed to growing wethers and lactating ewes in order to determine the factors determining feed consumption. Three different characteristics of rations are being studied. First is the actual digestible energy (amount of energy per unit of weight). Second is bulk density (weight of a certain volume of feed), and third is bulk energy density (amount of feed energy contained in a certain volume of feed). These three factors have all been related to the amount of feed energy consumed by growing wethers and lactating ewes. One important result noted thus far is that most animals will consume only a certain amount of feed energy, regardless of how bulky or compact the feed.

What Causes Lamb Flavor?

Flavor of meat from young animals is usually more desirable than that from older ones. Lamb flavor from wethers is usually less than that of ewes, and the intensity of flavor from ewe lamb meat is less than that from rams. Intensity of ram flavor is usually greater in carcasses from lambs fed white clover compared to those fed a grass such as rye grass. Slaughtering procedures, or sire effects within breeds, usually do not play a role in development of lamb flavor, but cooking procedures do. Research has indicated that lamb flavor is caused by chemicals contained that are water-soluble, but that the characteristic aroma of heated lamb is contained in the fat.

Suckling Behavior of Single, Twin and Triplet Lambs

With some of the new breeds, such as the Finnsheep, which regularly produce more than two lambs at each lambing, it has become more important to know the suckling patterns of triplets. At seven weeks of age, ewes suckling single, twin or triplet lambs produced 34, 69, and 86 percent of their own body weight as lamb. This indicates the tremendous producing capacity of ewes having and suckling triplets. From two to six weeks of age, triplets suckled less frequently and for shorter durations than did single or twin lambs. Average daily gain of triplet lambs was 0.41 pounds compared to 0.47 for single and twin lambs. Ewes suckling twins or triplets tended to produce more milk, probably because they were "challenged" by more thorough suckling, thereby producing more total milk per day.

Copies of the 1973 Animal Science Research Summary, containing complete reports on Beef Cattle, Sheep, Swine and other research areas can be obtained by writing Animal Science Research Summary, 324 Animal Industries Building, University Park, Pennsylvania 16802 and enclosing $2.00.

Feeding Behavior of Sheep Fed Forages

Penngift crownvetch and DuPuits alfalfa were each cut at late-bud and fullbloom stages and preserved as either silage or hay. Accurate records were kept to determine the time lambs spent eating the different types of forages. Sheep fed crownvetch spent 20 percent more time in the feeder than did the alfalfa-fed sheep, but the lambs ate alfalfa at a 38 percent faster rate. Late-bud forages were also eaten more rapidly (31 percent) than were the full-bloom forages. These results indicate that the bulkiness of the diet is the main factor determining the rate at which forages are eaten. Bulkiness, in turn, is influenced primarily by variety and maturity.

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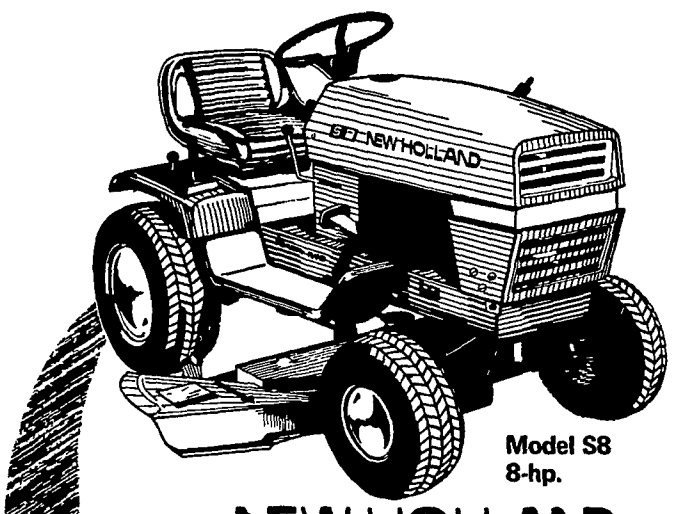

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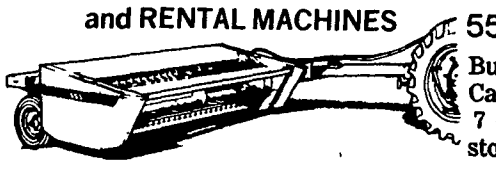
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Annual Spring Show Has 87 Entrants

The Conestoga Riding Club held its annual Spring Show May 6 at Mervin Bare's Farm. The 87 entrants were judged by Jeff Sheffer in the 21 classes.

The classes and respective first through third place winners are as follows:

Pony Showmanship and Grooming - Barbara Charles leading Mr. Red, first; David Kolb leading Shadow, second; Mike Rhineer Jr. leading Brandy, third.

Western Horse Showmanship and Grooming - Bar Money's Lass led by James Glick; Miss Frosty Sox led by Debra Heidig; Mr. Liquidator led by Richard Mentzer.

English Grooming and Showmanship - Blair 1 led by Debra Heidig; Genie Doll led by Leslie Winpenny; Red Robin led by Roxanne Stein.

Pony Cart Class - Show Acres Moon Flight driven by Mrs. Robert Zeigler; Mr. Red driven by Barbara Charles; Pal driven by Linda Ehrgood.

Childrens Equesterian - Brandy riden by Mike Rhineer, Jr.; Gay Run riden by Lorry Davis; Shadow riden by David Kolb.

Western Horse Equesterian - Miss Frosty Sox riden by Debra Heidig; Bar Money's Lass riden by James Glick; Teddy riden by Lisa Carvell.

English Horse Equesterian - Genie Doll riden by Leslie Winpenny; Blair 1 riden by Debra Heidig; Red Robin riden by Roberta Stein.

Crawl through Barrel - Shylo riden by Brian McCall; Figure riden by Kevin Sollenberger; Smokey riden by Beth Miller.

Pony Pleasure - Brandy riden by Mike Rhineer Jr.; Shadow riden by David Kolb; Queeney riden by Linda Ehrgood.

Western Horse Pleasure - Bar Money's Lass riden by James Glick; Miss Frosty Sox riden by Debra Heidig; Sis riden by Cindy King.

English Horse Pleasure - Red Robin riden by Roxanne Stein; Blair 1 riden by Debra Heidig; Sis riden by Cindy King.

Up and Over - Romeo riden by Becky Harbath; Ginger riden by Cathy Fisher; Bosco riden by Donna Rohrer.

Beginners Jumping - Romeo riden by Becky Harbath; Red Robin riden by Roxanne Stein; Bosco riden by Donna Rohrer.

Pole Bending - Star riden by Richard Hoffa; Victory Shadow riden by Ken Huber; Mindy Sue riden by Ray Carmean.

Barrel Race - Mindy Sue riden by Ray Carmean; Junior Stampeed riden by Randy Glick; Star riden by Richard Hoffa.

Scurry Race - Ginger riden by Cathy Fisher; Junior Stampeed riden by Randy Glick; Sabree' riden by Donna Bare.

Pair Class - Debra Heidig riding Blair 1 and Cheryl Gernert riding King Bay Junior; Bar Money's Lass riden by James Glick and Tonys Willy riden by Cheryl Gochenauer; Romeo riden by Becky Harbath and Gay Run riden by Diane Poche.

Breaking Out - Bosco riden by Donna Rohrer; Crossties Roper riden by Cindi Reed; Brandy riden by Rosene Shenk.

Egg in Spoon - Ginger riden by Cathy Fisher; Romeo riden by Becky Harbath; Duchess riden by Barbara Fisher.

Dollar Bare Back - Sugar Babe riden by Chris Weitzel; Mindy Sue riden by Ray Carmean; Blair 1 riden by Debra Heidig.

Trail Class - King Bay Junior riden by Cheryl Gernert; Bar Money's Lass riden by James Glick; Sugar Babe riden by Chris Weitzel.

Pony Grandchampion Mike Rhineer Jr. on Brandy; Reserve, David Kolb on Shadow; Western Horse Grandchampion James Glick on Bar Money's Lass and Reserve Cheryl Gernert on King Bay Junior; English Horse Grandchampion Becky Harbath on Romeo and Reserve Debra Heidig on Blair 1.

"There's the man who spent $15,000 at a psychiatrist's getting to know himself, only to find that he didn't want to be friends."—**Tom Fengler,** The Vista (Calif.) Press.

Butz Cites World Food Program

"The World Food program has become a source of life and of renewed hope to millions of children and adults in the poorer countries of the world," Secretary of Agriculture Earl L. Butz said last week on the tenth anniversary of the World Food program. This program is a multinational food assistance channel designed to relieve the tragedy of natural disasters and to stimulate economic and social development in less developed counntries.

"The American people can take particular pride in this occasion," Secretary Butz said.

"It was an American economist attached to the Food and Agriculture Organization of the United Nations who conceived how food aid could be made to work on a multinational basis."

"It was a U.S. proposal that helped launch the World Food program on a three-year experimental basis.

"It was a U.S. offer to commit commodities and cash that laid the foundation for multinational support.

"It has been the generosity and compassion of the American people, coupled with the wisdom of Congress, that has provided at least half of the food aid dispensed by the World Food program."

Twelve countries launched the World Food program and 29 countries contributed to it when it started in 1963. Today, the number of donor nations has expanded two-and-a-half times and ten percent of all international food aid now flows through the World Food program pipeline. A number of recipient nations have become contributors to the program.

"While we applaud this decade of progress, people in too many parts of the world are still struggling for enough food to survive," Secretary Butz said. "There are lands where food assistance such as food stamps, in the American sense, would be the peak of luxury--and unemployment compensation would be beyond conception. In any single year, the United States devotes far more resources to wiping out hunger and poverty within our own borders than the World Food program has had available for similar world-wide objectives during its total 10-year existence.

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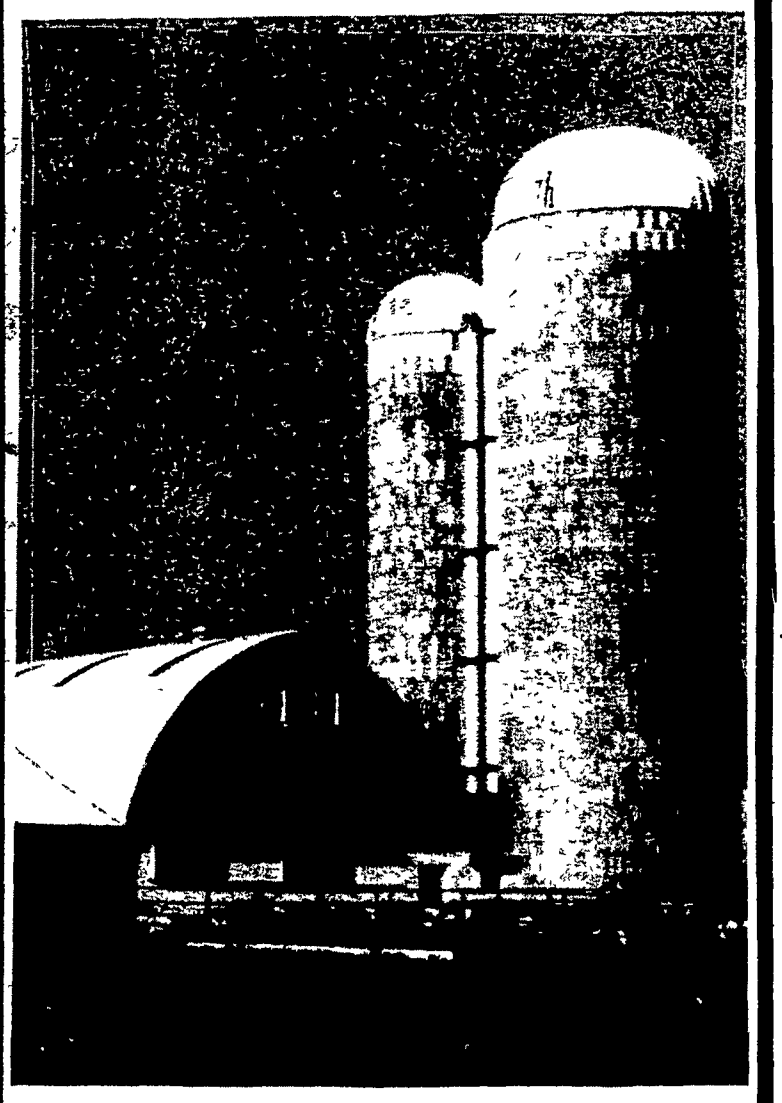

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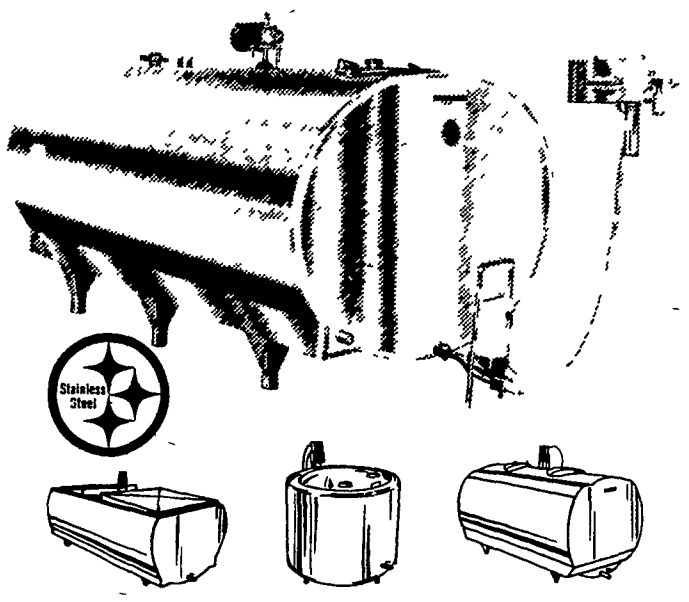

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Or a recreation spot, unique for its wildlife, from being developed till it loses its main attraction?

In essence -- what control does the public have over private land use? In a study on land and water resources, ERS looks at this question. It concludes that there is an almost limitless variety of tools or devices available to governments to control land use. The more general problem is that they are not being used. This is particularly true in rural areas.

The ERS study notes further that those local governments using the tools do not in general devote sufficient resources to make them effective.

Control by the general public can take many forms -- including special purpose districts, but most of the power is in the hands of Federal, State, and local general purpose governments.

The Federal Government has the immense power to tax and spend; the State governments have a lesser power in this area but they have broad regulatory power; and local governments have a more limited power to tax and regulate but the unique power to hear and express the views of individual citizens through such means as council meetings and public hearings.

Traditionally, it is the local government that regulates land use, with the State governments having delegated this authority

The main means have been through zoning ordinances and subdivision regulations. Building, housing, and health codes are also widely used, but are more limited in scope.

For rural land use, it may be the county government that has the greatest control or the town or township, depending upon whom the State authorizes. This varies widely among the States.

Zoning of unincorporated or rural areas is authorized in all 50 States covering land in more than three-fourths of the 3,000 counties in the U S.

However, local governments usually have the option of either adopting or not adopting land use regulations.

In general rural areas are far more deficient in the field of land use planning and regulation than urban areas. They're less likely to have a planning board, less likely to have a full-time planner, and they spend only about a third of what urban areas do per person for planning and regulating land use in their community.

Yet many of these rural areas are where the action is in terms of growth and they're the least able to cope with it.

Sometimes they lack the legislation But often, they simply lack effective enforcement.

An example:

A small town in Vermont had the "misfortune" to be near good ski slopes. It suddenly became one of the biggest growth sites in the State -- lots were sold and resold, nightclubs proliferated, a huge condominium went up.

And the town of fewer than 2,000 permanent residents couldn't keep up with the services required even after taxes were doubled The new sewage treatment plant became inadequate with the new building boom .. police costs soared .. and traffic jammed for miles through the town on winter weekends

Vermont has one of the most stringent land use laws in the country Local officials, however, say the State doesn't provide enough funds to communities for land use planning, zoning, and enforcement to make the laws effective.

The National Commission on Urban Problems reported that a sample survey taken in 1967 showed Standard Metropolitan Statistical Areas (SMSA's) spent three times more per person for planning, zoning, and building regulation activities than did non-SMSA's -- essentially rural areas.

In addition to budgeting more money for land use planning and regulation, many communities need to take up the option on controls already available to them.

Take for instance the case of a predominantly agricultural county in California that couldn't put a stop to land speculation until much of its ranchland had been subdivided. Developers put in roads and mass-advertised the acre lots as vacation and second home sites.

It took several years, and some trial and error, before the county found effective regulation in the form of zoning to stop the essentially speculative subdivisions.

But, as one official said, "If you take a 1,000-acre ranch and divide it up into roughly 900 one-acre lots, with the remaining acreage in roads, you have ruined the ranch. A ranch with 900 owners can never be reassembled."

That county wound up with 17,000 acres of vacant lots.

With the county's current zoning, developers who want to change land zoned agricultural to residential have to request a variance from the planning office. And it's granted only if the developer can present a good argument why it should be done -- plus show an attractive plan for development.

So far, most of the requests for rezoning variances in the county have been for expansion of an existing community. And development in these areas usually causes no severe drain on such county services as police and fire protection and schools.

Just how many local governments actually exercise their authority to regulate land use is not known. National statistics aren't regularly or systematically collected

But from the 1967 survey by the National Commission on Urban Problems, it's apparent that rural local governments lag considerably behind urban areas.

The survey showed only 48 percent of the counties outside SMSA's had a planning board .. compared with 80 percent of the counties in SMSA's

In addition, 70 percent of the employees for planning and regulating land use worked part-time in areas outside SMSA's compared with only 28 percent inside SMSA's For all jurisdictions attempting to regulate land use, fewer than 1 in 4 had any full-time employees.

The President has recommended and the Congress is now considering legislation to establish a national land use policy. Legislation that is proposed would provide grants to States to assist them in improving their land use planning processes.

Most decisions would still be made at the local level in rural areas. The States would, however, be involved in decisions of more than local concern--such as environmental and regional matters.

In the decade ahead, the need to plan and regulate land use will increase as greater emphasis is placed on maintaining environmental quality standards. Practically all pollution problems have a land use dimension.

This will take greater coordination and integration of the powers available to the different levels of government in our Federal system.

Yoder Cow

A registered Holstein in the herd of Jefferson D. Yoder, Elverson RD1, established production records for milk and butterfat production levels, as reported by Holstein-Friesian Association of America.

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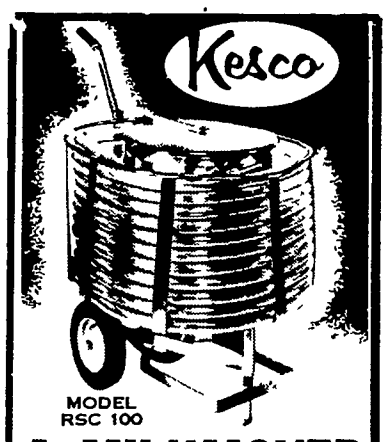

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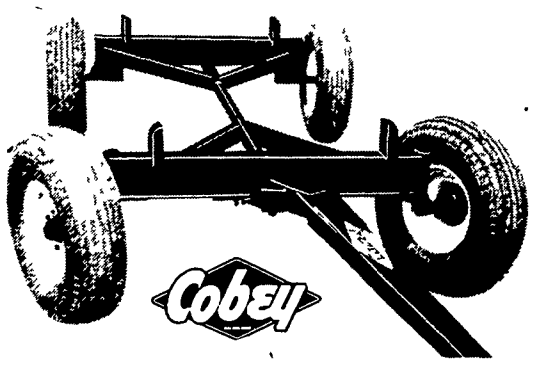

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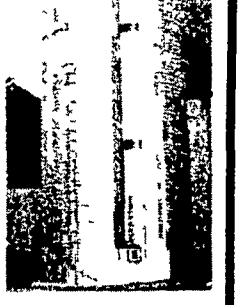
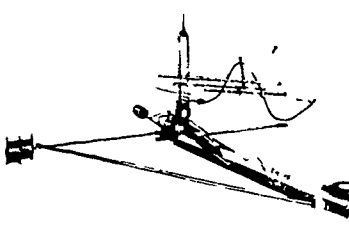
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Penn State Beef Research Presented at Livestock Day

Several hundred cattlemen visited the Penn State University Campus on Thursday, March 22 to hear and discuss the results of current research by the Animal Science Department of Penn State. The 1973 Animal Science Research Summary contains 22 research reports within the beef cattle area. Some of the most timely topics are summarized below.

Acid Treating Grains and Forages

The Animal Science and Agronomy Departments reported on several research trials in which corn and sorghum were harvested, and then either dried, stored as high-moisture grain, or treated with different chemicals (acetic and-or propionic acids). These acids are applied in relatively small amounts, but the research results indicate that essentially no mold will result on the grains if the acids are properly applied, even though the acid-treated grains are stored in conventional storage facilities. The efficiency (pounds of animal weight gain per pound of feed) of using acid-treated grains is usually superior to dried corn, and equal to or slightly better than using high-moisture corn, without acid treatment. The results reported were with beef cattle and sheep.

There were some indications that acid-treatment would increase sorghum intake more than it would corn intake. Non-bird-resistant sorghum was equal to or superior to corn in protein and energy digestibility, but the intake of this type of sorghum was less than observed for corn.

Influence of Harvest Maturity on Crownvetch and Alfalfa

Penngift crownvetch and DuPuits alfalfa were harvested at late-bud and full-bloom stages and then each maturity of each forage was preserved as low-moisture silage and hay. The digestible energy values of crownvetch and alfalfa were similar at late-bud stage, but the digestible energy of alfalfa was higher at full-bloom. Digestible energies for both forages preserved as hay were higher than when either was preserved as low-moisture silage. The digestible protein percent of crownvetch was greater than that of alfalfa at both stages of maturity and for both preservation methods. Difficulty was encountered in drying the crownvetch for hay.

Feeding Large Hay Stacks and Round Bales to Cattle

The new hay stackers and balers which make large (one-half to one ton) bales are attracting lots of interest. The bales or stacks may be left in the field without shelter and grazed in the field during late summer, fall or during the winter. The bales or stacks may also be moved to a winter feeding area and fed one or several at a time. These kinds of systems seem to be real labor-savers. The hay can be made more rapidly, thereby lessening the danger from hay being ruined because of bad weather. There is less hand labor compared to handling conventional square bales. The cattle graze in the field or in wintering areas where there is no necessity for hauling manure. Apparently the quality of hay stored in the fields is quite high. The main consideration in determining total efficiency of using such systems is in devising methods to feed the hay without undue wastage.

Several Implants Increase Growth

Five different commercially available growth stimulants (used as implants in the ear) were compared on heifers and steers. The least effective implant increased gain by at least seven percent in both heifers and in steers. Certain implants tended to have longer-lasting effects than others; however the differences between implants were relatively minor. Implanting with a combination of two different types of implants did not further increase weight gains. Effects of the various implants on carcass characteristics were also minor from the standpoint of both carcass quality and meatiness.

Penn State Registered Beef Cattle Program

The Animal Science Department maintains registered cow herds of Charolais, Polled Herefords, and Angus. Approximately 30 cows of each of the three breeds are maintained. The main use of these cow herds is to provide animals for teaching and training of students. The Department of Animal Science's beef cattle herd over the years has accomplished perhaps more than any other university-owned registered herd. The herd is carefully selected for modern beef characteristics, particularly growth rate and other characteristics included in most progressive beef cattle breeding programs. Breeding stock from the herd is also available for sale to other purebred and commercial breeders.

Crossbreeding Programs

Well-planned crossbreeding programs can increase net profit by 20 percent or more when compared to programs using the same breeds in straightbred herds. Most of the desirable effects of crossbreeding result from the use of crossbred cows. This is because calving percent, or other measures of fertility, are usually improved more than other beef characteristics. The breeds going into a crossbreeding program should be selected so as to complement each other, and to cover up each other's weaknesses. Effective crossbreeding programs can be devised for either small or large-sized herds. One of the biggest mistakes commercial producers make in crossbreeding is that they do not continue to select outstanding bulls in the breeds they use. It is very easy to lose any improved performance by not selecting performance-tested bulls with high within-herd performance indexes.

Angus-Holstein Cows Continue High Production

As a part of a continuing cooperative program between the Department of Animal Science and the State Correctional Institution at Rockview, a herd of about 210 Angus-Holstein crossbred cows are maintained The increased milk production of the Angus-Holstein cow results in heavier 205-day weights than from most straightbred beef cows. First-calf Angus-Holstein heifers produced calves only 24 pounds lighter in weight than did mature Angus-Holstein crossbred cows. This is less difference than usually observed with cows of beef breeding. Although the Angus-Holstein crossbred cow has been productive in this program, it has been learned that these kinds of cows have to be fed about 25 percent more than other kinds of cows during the rebreeding season. This is necessary because all cows have to be gaining weight in order to rebreed within a short period of time. However, after the breeding season, the energy requirements of the Angus-Holstein cow seem to be about the same as those of other cows.

Live and Carcass Characteristics of Holstein Bulls, Cryptorchids and Steers

Average slaughter age of the cattle was 402 days. At this age bulls, cryptorchids (partially castrated) and steers weighed 1078, 995, and 961 pounds, respectively. Steers had significantly more fat thickness, but bull and cryptorchid carcasses had larger loin-eye-areas, higher cutability, and slightly more desirable lean flavor and total acceptability scores. It should be emphasized, however, that these cattle were fed a high concentrate ration from birth to slaughter. If a ration using less grain had been used, the results may have been different. However, these results indicate that liberally-fed Holstein bulls can produce carcasses of acceptable quality. The cryptorchids developed many of the male characteristics which may cause behavior problems in the feedlot, and a staggy appearance. Cryptorchid cattle are apparently not as desirable as cryptorchid lambs, although even cryptorchid lambs have to be fed fairly well in order to produce quality lean and still perform efficiently.

Testing Program Shows There's Room for Improvement

Over 300 head of cattle have been tested in the past six years in the Meat Animal Evaluation Center, sponsored by the Pennsylvania Department of Agriculture. These cattle have been from 48 sires. The cattle are consigned to the station at weaning time and fed until slaughter by sire groups. Accurate feed records are kept, and all the cattle are slaughtered through the Penn State Meats Laboratory. Although there have been three sires which achieved an excellent rating based on live and carcass characteristics, none of the sires has met all the requirements for superior sire classification. The results of the program are used by the owners of the bulls to evaluate the genetic ability of their sires. Next year, in order to be of more usefulness to more beef cattle breeders in the state, there will also be a program for consigning individual bulls to be tested during the post-weaning period.

Only a few of the research studies are summarized above. The 1973 Animal Science Research Summary Book, which contains all the reports on beef cattle, sheep, swine and other projects in which the Department of Animal Science is involved, is avialable by writing to Animal Science Research Summary, 324 Animal Industries Building, University Park, Pennsylvania 16802 and enclosing $2.00.

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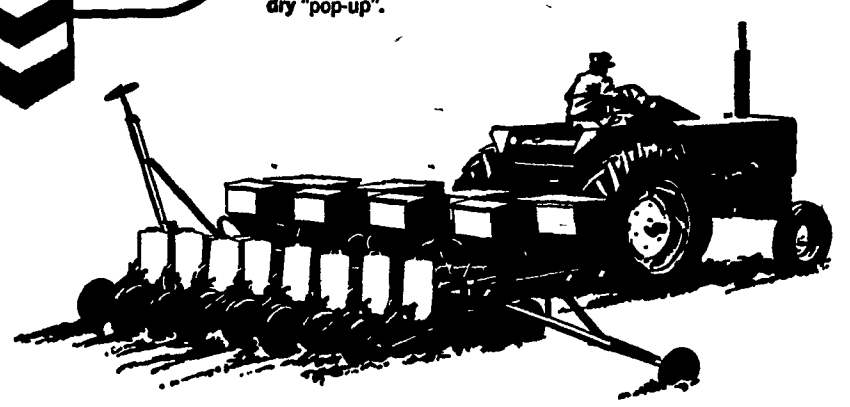

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Local 4-H'ers Attend Washington Conference

Four Lancaster County 4-H'ers, along with 129 other 4-H'ers from the Keystone State, took part in the Northeast States Invitational 4-H Teen Agribusiness Conference held recently in Washington, D C.

Area 4-H'ers attending the recent Northeast States Invitational 4-H Teen Agribusiness Conference in Washington were, left to right, Nancy Henkel, Scott Heisey, Nancy Yunginger and Jeff Greider.

Those attending from Lancaster County were: Jeff Greider, Scott Heisey, Nancy Henkel, and Nancy Yunginger.

The conference, held in the National 4-H Center, was designed to explore career opportunities in agribusiness; become aware of the role and need for stronger agricultural leadership, and to get acquainted with leaders of business, industry, government and education. Teen leaders from five states participated.

"The young leaders received scholarships to help defray conference costs," said Carroll Howes, Associate, State 4-H leader "Contributions came from state agricultural organizations and industries as well as local scholarships."

While at the nation's capitol, the group participated in group discussions and assemblies; took bus tours to points of interest; and were involved in numerous recreational activities.

Speakers at the five-day agribusiness conference included Joe S. Taylor, chairman of dairy science extension at Penn State; Dr. Robert Wagner, Director of extension at the University of Maryland; Boyd Gartley, of Inter-State Milk Producers Cooperative; Dr. Robert White-Stevens, chairman of the Bureau of Conservation and Environmental Science at Rutgers University; and Mr. and Mrs. Bill Moore, of Chatham, Pennsylvania dairymen.

William Dearden, of Milton Hershey Foods; Mary Ann Wamsley, editor of the "Extension Service Review," Dr. Darwin G. Braund, of Agway, Inc., Syracuse, N. Y.; Dr. Thomas B. King, associate dean for extension at Penn State; P. Glenn Harr, Penn State assistant State 4-H leader; Pat Ralston, associate director of science and education, USDA; and Dorothy Emerson, consultant at the National 4-H Center.

The conference was sponsored by the Northeast Cooperative Extension Service in cooperation with the National 4-H Club Foundation and U.S. Department of Agriculture.

PennAg Slates Annual Meeting

PennAg Industries Association will hold its 95th convention September 12-14 in Lancaster's Host Corral, according to William E. Ryan, chairman of the association's convention committee Ryan, of Jesse C Stewart Co , Pittsburgh said the theme of the convention is "A Time for all Seasons "

"We feel this theme will accurately emphasize the importance of time management and timing in our business and personal lives American agriculture and agribusiness is assuming a greater role than ever in international affairs and its time is now We hope to explore the implications of this concept for tomorrow's society," Ryan said

"Of equal importance is the management of time and we have been successful in obtaining Francis Tritt, a management consultant with Lawrence-Leiter Company, Kansas City to discuss the subject in a major program feature," Ryan concluded

Other features of the 3 day event include industry exhibits, golf, entertainment and a ladies program, chaired by Mrs. William Ryan

Other features of the 3 day event include industry exhibits, golf, entertainment and a ladies program, chaired by Mrs. William Ryan

Members of the Convention Committee and their responsibility include John G. Johnston, Tyrone Milling Co., Tyrone and Paul Orner, Columbus Milling Co , Columbus, both Co-Chairman of the Attendance Committee, D Jay Wolgemuth, Wolgemuth Bros , Inc., Mt Joy, Chairman of Entertainment and Arrangements, John B Pritts, Canonsburg Milling Co., Canonsburg, Chairman of Exhibits, Paul Homan, Central Soya Corp , Greenville, Chairman of Golf

PennAg's membership is composed of agribusiness firms throughout Pennsylvania and an attendance in excess of 300 is expected at the Convention

Penn Manor 4-H Club Reorganizes

The Penn Manor Community 4-H Club met recently at the Ann Letort School

The following officers were elected Carl Thomas, president, Jay Stauffer, vice-president, Dale Tshudy, secretary, Karen Greider, treasurer, Wilbur Martin news reporter, Karen Greider, song leader, Jay Bleacher and Nanette Musser, game leaders

Carl Thomas and Karen Greider were elected as County Council representatives Leaders are John Thomas and John Grube

"Father of Kings"

Carlo Buonaparte a small-town Corsican lawyer is known as the father of kings He was the father of an emperor and three kings — Napoleon I emperor of France Joseph king of Naples Louis king of Holland and Jerome king of Westphalia

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The undersigned having sold his farm will offer at sale on the premises, located apporx. 1 mile east of Glen Rock, York Co., Pa. and approx. 2½ miles west of Rt. 111 (Susquehanna Trail), turning near the AMP factory & following signs & arrows to the sale.

FARM MACHINERY

J.D. 4010 diesel trycicle tractor with 3 pt. hook, fully equipped & 183 hrs. since complete overhaul in exc. cond.; J.D. 2520 diesel trycicle tractor bought new & only 700 hrs. with 3 pt. hook & fully equipped; J.D. 60 tractor, live PTO; J.D. 50 with power steering & fully equipped; J.D. 4- 16 in. trip bottom plow; 3 pt. hook; J.D. No. 16A flail chopper used on about 8 acres; J.D. No. 400 grinder mixer used 1 yr.; J.D. No. 45 manure loader; J.D. model R manure spreader; J.D. No. 237 2 row corn picker with multi-lube. lights & 1,000 PTO shaft; J.D. No. 50 7 ft. balanced head side mounted mower; J.D. No. 9 6 ft. 3 pt. hook mower; Massey Harris 3 - 14 in. trailer plow on rubber; Int. 10 ft. spring tooth harrow; Crusader 30 ft. PTO elevator; N.H. hay crimper; N.H. No. 270 hayliner PTO baler; David Bradley 4 bar side delivery rake; J.D. No. 30 7 ft. cut PTO combine with grain bin; J.D. 2 row rubber tire corn planter; J.D. 13 disc grain drill; J.D. transport disc harrow; 10 ft. cultipacker; rollaway drag elevator; J.D. No. 953 rubber tire wagon; Coby wagon; Brady No. 77 seven ton wagon with high sides; Speedy 6 row 2 wheel trailer crop sprayer; J.D. 2 row cultivators; 2 row cultivators for J.D. 40 tractor; J.D. No. 227 corn picker for parts; J.D. high pressure hyd. cylinders; other cylinders; 6 & 8 ply 16 in. wagon tires; 275 gal. gas tank with pump; Lincoln 225 amp welder; new 1 HP electric motor; 50 & 100 ft. heavy duty crop cords; cattle dehorners, wooden feed troughs; steel beams; metal water troughs; gates; plank partitions; wagon load of usual farm tools & misc. items.

PICKUP TRUCK & LAWN TRACTOR

1970 Ford 250 ¾ ton maroon & white pickup truck, 8 ft. bed, automatic, power steering & new tires. This truck has only 41,000 original miles & would make an exc. camper truck. Set of 8 ft. cattle racks for truck.

J.D. No. 110 lawn & garden tractor with rotary mower in very good condition.

FEED & GROWING CROPS

Approx. 15 ton of ear corn; approx. 5 ton of straw; approx. 10 ton mixed hay; 11½ acres of barley growing in the field; 6½ acres of growing wheat; approx. 2 ton of mulching hay.

Auct. note: Sale will begin at 5:00 with small tools on wagon. Large farm machinery at approx. 6:30. If in the market for exc. late model farm machinery do not miss this sale.

MR. & MRS. GLENN FORRY
Glen Rock, Pa. Ph. 235-2995

Terms: cash or approved check

Robert L. Sechrist, auctioneer Ph. 382-4379
John Hope Anderson, clerk

Not responsible for accidents

Public Sales Register

SAT. MAY 12 - 12 Noon Public Auction, Lynch Grain and Feed Inc., 620 Crystal Avenue, Denton, Md. H. Rudnick and Sons, Inc., Galens, Md. Auctioneers and Managers.

SAT. MAY 12 - 1 P.M. Public Sale of Real Estate and Grain Drying Equipment located along Rt. 25 Western Schuylkill County, Between Gratz and Spring Glen, Pa., 10 mi. West of I-81 exit 34. Sale by Herbert J.F. Borchert and Peggy G. Borchert, owners; Geo. Deibert, Auct., Klingerstown, Pa.

TUES. MAY 15 - 1:30 P.M. Special Notice 90 head Feeder Calves, Steers and Heifers for sale at the Cowanesques Valley Livestock Market, located 1 mile East of Knoxville, Pa. on Rt. 49, Tioga County, Pa.

TUES. MAY 15 - 8 P.M. Special Herd Sale of 75 top cows to be held at the Green Dragon Dragon Livestock Sales Stables, RD3, Ephrata, Pa.

WED. EVE. MAY 16 - Nite Horse Sale located 2 miles east of Intercourse along Route 340. Horses hitched at 1 P.M. Tack at 6 P.M. Horses at 7 P.M. Sale by Paul Z. Martin, Blue Ball, Pa. Martin Auctioneers.

THURS. EVE. MAY 17 - 5 P.M. Evening Farm Sale of Farm Machinery, Pickup Truck, Feed and Crops, located approx. 1 mile east of Glen Rock, York Co., Pa. and approx. 2½ miles west of Rt. 111 (Susquehanna Trail), turning near the AMP factory and following signs and arrows to the sale. Sale by Mr. & Mrs. Glenn Forry, Glen Rock, Pa.; Robert L. Sechrist, Auctioneer.

THURS. MAY 17 - 8 P.M. Melvin Kolb, Inc., Monthly Holstein Auction located ½ mile Northwest of Woodsboro, on Route 550, Frederick County. Sale by Melvin Kolb, Inc., James G. Trout, Auctioneer.

FRI. NIGHT MAY 18 - 8 o'clock 65 to 70 Head of Canadian, Wisconsin, Minesotta and Indiana Cows selling at Charles C. Myers Sale at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in-Theatre or ¼ mi. west of breeding unit.

SAT. MAY 19 - 9:30 A.M. Public Sale of Real Estate and Personal Property located approximately 3 miles north of Haffer Road to Grubbs Church, approximately 4 miles west of Route 15, at Shaffer's Motel and Mobil Gas Station, 2 miles east of Meiserville, off Route 104, Snyder County. Sale by Mrs. Glen Parry, Executrix-owner estate of Charlotte M. Dressler. Wayne Hess, Auctioneer.

SAT. MAY 19 - 2 P.M. Public Sale of Real Estate at Red Run on road to Fivepointville. Number 1 76 acres with improvements; number 2 3 acres woodland; number 3 former Red Run School House. Sale by H. Clay Burkholder, executor of Effie M. Sheetz Estate, Windolth, Burkholder and Hartman, attorneys. Frank L. Steller and Robert E. Martin, Auctioneers.

SAT. MAY 19 - 12 Noon Special Summer Sale of 75 Registered Holsteins at Norman Kolb Farm, Lancaster, Pa. located 2 miles East of Lancaster, turn off Rte. 30 East at Hempstead Exit, ½ mile past Holiday Inn East. Sale by Norman Kolb.

MON. MAY 21-11 A.M. Dairy Farm Dispersal on the farm located on Rt. 513 next to Ironia School, 6 mi. E. of Chester, N. J. and Rt. 206. From Pa. take 78 to 287 N. to 206 N. to 513 E. at Chester. Sale by Hank DeJong, owner; Sale conducted by Col. Fred R. Daniel, Auctioneers, Inc., Neshanic Sta., N.J.

WED. MAY 23 - 12 Noon Bankrupt Sale of Middle

(Continued On Page 38)

QUALITY DAIRY CATTLE FOR SALE

BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road Lancaster, Penna.

100 HEAD REGISTERED & GRADE HOLSTEINS 100 HEAD
On hand at all times
CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records. NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime.

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month
CHARLES C. MYERS, Owner. Phone 717-569-2106
Park Myers, Sales Mgr. Private Sales Daily

SPECIAL HERD SALE

A TOP HERD OF 75 COWS

Including 25 springers due July and August. 10 bred Heifers and balance milkers and springers.

TUESDAY, MAY 15, 1973
Sale Time 8 P.M.

GREEN DRAGON LIVESTOCK SALES
RD No. 3 Ephrata, Pa.

PUBLIC SALE

OF REAL ESTATE
SATURDAY MAY 19, 1973

at Red Run on the road to Fivepointville, Brecknock Twp. Lanc. Co. Penna.

Farm of 76 acres, 10 acres in meadow with Little Muddy Creek flowing through, log frame barn, 2½ story frame dwelling, covered with asbestos siding, containing 7 rooms on 2nd floor, 4 rooms and wash house on 1st floor, never failing spring of water with gravity flow to buildings. May be inspected May 5-12 from 1:00 to 4:00 PM and day of sale. Same time and place 3 acres of woodland on Pieffer Road, ¼ mile from farm, also will be sold known as the Red Run School House, converted into a dwelling with 3 rooms and bath, will be offered separate or altogether.
Sale to 2:00 P.M.

TERMS BY
H. CLAY BURKHOLDER
EXEC. OF EFFIE M. SHEETZ EST.

WINDOLPH BURKHOLDER & HARTMAN ATTY

FRANK L. STELLER 656-9055
ROBERT E. MARTIN 656-7770
AUCTIONEERS

FARMERS-GROWERS

Black and Clear Plastic for plant beds, Cantaloupes, Watermelons, Strawberry Patches, building & crop cover.

- **High Pressure Cleaners Portable 700 lb. pressure**
- **Cattle Tags and Chains**
- **Handy Hoof Trimmers**
- **Dairy Vac - Spec. $215**
- **Maes Inflations**
- **Mineral Feeders**
- **Cattle Dust Bags**
- **Fly Sprays - Jet Foggers**
- **Farm Gates - Hog Feeders**
- **Electric Fencers**

THIBENZOLE + TRAMISOL Cattle & Sheep Wormer.
TYLAN-10. SP-250, TM-50 Livestock Conditioners.
Ketosis-Milk Fever products

Find the Key to your Animal Health Problems at
ZIMMERMAN'S ANIMAL HEALTH SUPPLY
Woodcorner Rd.-Store
Lititz RD1, Pa.
Phone 733-4466

★ Public Sales Register ★

(Continued From Page 37)

Atlantic Stud Welding Co. and Middle Atlantic Applicators and Erectors, Inc. located at Front and Church Streets on the premises of Steel Suppliers, Wilmington, Del. Rudnick and Matas, Auctioneers, Wilmington, Del.

BANKRUPT SALE

Middle Atlantic Stud Welding Co. and Middle Atlantic Applicators & Erectors, Inc. Sale Location: Front and Church Streets, on the premises of Steel Suppliers, Wilmington, Del.

WED. MAY 23, 1973 at 12 noon

4 Chev. 1970 Pickups, 5 Chev. 1969 Trucks, 22 HOBART and LINCOLN WELDERS D-2300 and SA-200 and others, 3 Trailers, Homelite saws, Studs and Controls, Generators, welding cables, Screw guns, etc. etc.

TERMS, CONDITIONS AND FREE BROCHURE from
RUDNICK & MATAS, AUCTIONEERS
212 W. 8th. St., Wilmington, Del.
Phone 658-7264

INSPECTION: Morning of Sale from (9:00 A.M.)

SPECIAL NOTICE

90 HEAD FEEDER CALVES
STEERS AND HEIFERS

300-600 lbs.

Hereford and Angus, Charolais and Hereford Cross
at the Cowanesque Valley Livestock Market
1 mile East of Knoxville, Pa.
on Rt. 49, Tioga County

TUESDAY, MAY 15, 1:30 P.M.

Clyde E. Beard, Owner

Melvin Kolb, Inc.

THURSDAY - MAY 17, 1973

8 P.M.

Monthly Holstein Auction

At my Maryland Farm Sale Barn, located ½ mile Northwest of Woodsboro, on Route 550, Frederick County

100 HIGHEST QUALITY HOLSTEINS 100

MR. FARMER.

YOU ARE CORDIALLY INVITED TO ATTEND OUR SALE AND IMPROVE YOUR HERD WITH THESE TOP QUALITY HOLSTEINS - BOTH REGISTERED AND GRADES.

They have been individually selected from Outstanding Herds in Canada, New York State, and Pennsylvania, for Dairy Type and Production. Many are Classified and many other Official Records.

These Holsteins are sired by some of the Breeds Top Sires in the U S and Canada.

We invite you to visit our farms and inspect these and other fine cattle at anytime.

Sale cattle will be producing up to 100 lbs. of milk daily All Cattle must be as represented. Cattle will be tested within 30 days for TB and Bangs for Interstate shipment

Terms Cash on day of Sale
Not responsible for accidents

Mel Kolb

James G. Trout, Auctioneer
Marvin A. Eshleman, Pedigrees
Mehrle N. Wachter, Clerk

Sale Manager
MELVIN KOLB, INC.

MARYLAND FARM
RD 1
Woodsboro, Md 21798
Phone 301-898-7663

HOME FARM:
621 Willow Road
Lancaster, Pa. 17601
Phone 717-393-7459

Refreshments Available — Loading Chute Available

Note change of time this month

Lancaster County Farmers Phone for a Free ride to the Sale

SAT. MAY 26- 10:00 Sharp D.S.T. Public Sale of Farm Machinery, Jeep, Sheep, Household Goods and Antiques located approx. 1½ miles southwest of Fawn Grove along Hunt Club Rd. in Fawn Twp., York Co., Pa. Sale by A. Porter Webb, Fawn Grove, Pa. owner; Robert L. Sechrist, Auctioneer.

SAT.MAY 26 - 2 P.M. Public Sale of valuable wood lot containing 27.35 acres in Caernarvon and Salisbury Townships. Over 700 feet of road frontage on both sides of Route 322 at mountain top. Terms by Elizabeth Groff Miller; Robert E. Martin and Frank L. Steller, Auctioneers.

SAT. JUNE 2 - 9:30 A.M. D.S.T. Public Sale of Antique Furniture, Antique Dishes and Glassware, Toys, Collector's Items, Guns, and Household Goods of the Late Grace Grim Estate located at 7 East High St., Windsor Boro, York Co., Pa. Sale by Mr. & Mrs. Lafean Grim, owners; Robert L. Sechrist, auctioneer.

SAT. JUNE 9 - 9:30 A.M. Public Auction of Antiques and Collectibles located 40 miles North of Harrisburg, 15 mi. South of Sunbury, 1½ miles East of Pillow off Rt. 225. (Watch for Sale arrows along the Pillow to Klingerstown Road). Sale by Gurney Troutman, owner; Geo. Deibert, Auct. Klingerstown, Pa.

FRI. AFTERNOON JUNE 15 - 600 head feeder pig public sale. Farms located north of Goodville, East Earl Twp. 3 way cross breeding. John J. Zeiset and Paul M. Zeiset; Elton Horning, Auct.

FRI. JUNE 15 - 12:30 Noon Public Sale of 120 Registered and Grade Holstein Heifers by Henry S. Lapp located 3 miles North of Gap along Rte. 340, just west of Rte. 10 near Cains, Lancaster Co. Snyder and Kreider, Auctioneers, Diller to read pedigrees.

SAT. JUNE 16 - Auction of Construction Equipment located 4 miles North of York, Pa. on Route 181, Exit 10 or 11 off Interstate 83, Emigsville, Pa. Sale by York Co. Farm & Ind. Equip. Co., Inc.

SAT. JUNE 30 - J. Benjamin Kreider's Early Summer Holstein Sale located along Rte. 272, 4 miles South of The Buck. Registered and Grade Cows, bred and open Heifers. Auctioneers Diller and Kreider.

SHORT NOTICE
DAIRY FARM DISPERSAL

Hank De Jong - Ironia, N. J.

Monday, May 21, 1973 at 11 A.M.

Place - on the farm located on Rt. 513 next to Ironia School, 6 mi. E. of Chester, N. J. and Rt. 206. From Pa. take 78 to 287 N. to 206 N. to 513 E. at Chester. Owner moving out of state!

12:30 - 74 hd. of hy grade holsteins, 30 hd. recently fresh or Springing, 25 hd. bred for fall, balance in various stages. 45 percent of this dairy are first and second calf heifers. Presently this herd has a 56 lb. per cow average, with individuals up to 90 lbs. A real high producing dairy with sound, strong udders. Vet checked for pregnancy. T.B. & Blood tested and eligible for immediate interstate shipment! Plan to attend!

11 A.M. - Barn - De Laval glass pipelines 68 cow line, with milker & pumps etc., Sunset Bulk Tank, Sunset tank washer, 2 Patz Barn cleaners - 68 cow and 55 cow cleaner. Uebler self propelled feed cart, 2 - Starline 14 ft. silo unloaders, 12 ft. silo matic elevator, feed carts, water tubs, dumping station with glass line, feed bunk, hay rack, Uebler 5 ton feed bin. **Tractors** - 1966 IHC No. 706 DL with No. 2000 hyd loader, 1956 Moline with rebuilt engine, IHC 5 btm 16" semi mtd plow, IHC 12 ft. hyd. disc, 2-New Holland Chuck wagons, J.D. No. 65 hopper blower, J.D. No. 34 field chopper with corn & direct cut hds., N.I. No. 217 bu. manure spreader 1 yr. old, N..H. 65 ft. now conveyor, trailer field sprayer. 3 tons hay and 3 tons of straw. Be sure to attend this sale for top cattle and quality machinery! Owner & auctioneers not responsible for accidents! Terms cash or a good check sale day! Lunch available.

Owner
HANK De JONG
201-584-6993

Sale conducted by:
Col. Fred R. Daniel Auctioneers, Inc.
Neshanic Sta., N. J.
201 - 369-4784

SPECIAL SUMMER SALE
75 REGISTERED HOLSTEINS

SATURDAY, MAY 19, 1973 12 NOON

At Norman Kolb Farm, Lancaster, Pa.
Location - 2 miles East of Lancaster, Turn off Rte. 30 East at Hempstead Exit, ½ mile past Holiday Inn East.

COMPLETE DISPERSAL OF CHARLES SPOTTS HERD

Included are 9 Astronaut Daughters. Herd is classified and on DHIA test, certified, accredited and heifers are vaccinated.

SPECIAL MENTION - 1 "EX" Starman daughter with 3 records of over 600 fat. She has 2 Astronaut daughters selling. One classified "86" with record of 17,126 Milk and 630 Fat as a 2 yr. old.

"VG" 89 pt. granddaughter of Senator with 2 yr. old record of 18,527 Milk and 745 Fat. She has a Starman daughter selling due in August.

"VG" 88 pt Astronaut with 19,126 Milk. She has a full 2 yr. old sister selling which is milking 76 lbs. per day, just fresh.

Several other cows Classified "GP" and prospects for higher production and some real good Heifers not yet classified.

Also selling 20 cows selected by John J. Stoltzfus including 3 Gents, one "VG", 2 not classified, real nice cows. One has 3 yr. old record of 305 dy. 17,140 Milk. 3 Kingpins, 1 with over 19,000 lbs. milk; 6 Paclamar Astronaut daughters from 6 months to 2 years old. Some are bred, some sell open, 2 have Dams with records of 19,000 and 20,000 Milk. Also Seiling Rockmans, Ivanhoe granddaughter, Ivanhoe Star, Jack, Apollo and Emperor sell.

Also 15 cows from 1 herd in Canada including 3 Lassie Leaders, 2 Seiling Rockmans and a few Grades. Several cows will freshen in June and July.

Also about 15 Registered Heifer Calves will sell following their Dams, 5 from Seiling Rockman.

These cows must be seen to be appreciated. Your inspection invited after May 15 at Kolb farm.

Sale under roof, trucks and lunch available.

Auctioneer-PAUL SNYDER — **Pedigrees-DILLER and KREIDER**

For further information or catalogs contact

Norman Kolb
355 Pitney Road, Lancaster, Pa.
Phone 717-397-5538

or

John J. Stoltzfus
Morgantown R.D. No. 1, Pa.
Phone 215-286-9038

TRY A CLASSIFIED AD

TRUCKS FOR SALE

1968 Ford 10 wheel dump
1969 Ford 10 wheel dump
1968 Int. 10 wheel dump
1968 Int. Tri-axle dump
1966 G.M.C. Tri-axle dump
(2) 1964 Ford 10 wheel dump
1963 Chevy 10 wheel dump
1960 Mack 10 wheel dump
1965 Mack 10 wheel dump
1956 Reo 10 wheel dump
1961 Chevy single axle dump
(2) 1962 Ford single axle dump
1968 Ford W1000 Truck-tractor
1955 Mack truck tractor
1961 G.M.C. truck tractor
1958 Mack truck tractor
1970 Int. C4070A truck tractor
1966 Ford 750 twin screw cab and chassis (automatic)
1967 Ford 700 cab and chassis
1968 G.M.C. 5500 cab and chassis (diesel)
1970 Ford Louisville (you must see to appreciate)
1965 Ford single axle dump
1965 G.M C. 4000 Flat bed
1970 Ford 10 wheel dump
(3) 1963 G.M.C. 10 wheel dump
(2) 1972 Int Transtar - 318 engines - excellent
1963 Int. single axle dump
(5) 38 ft. Flat trailers.

Excellent Selection and Still more Coming.

WENGER'S FARM MACHINERY, INC.

So. Race St.
Myerstown, Pa.
Ph. 717-866-2138

Sen. Schweiker Discusses Drug Abuse Rehabilitation

WASHINGTON--The communications gap between parents and children is one of the major causes of drug abuse in America, U.S. Senator Richard S. Schweiker (R-Pa.) asserted.

Schweiker, ranking Republican on the Senate Subcommittee on Alcoholism and Narcotics, said it is important for parents and children "not to make their two worlds so different that one becomes unbelievable or unrelated to the other."

He pointed to the social acceptability of alcohol use as a "double standard" that turns young people to drug abuse. "even though only 10 percent of people who drink become alcoholics, the fact that you're dealing with such a high percentage of the (overall) population (means) you have many more alcoholism problems than you do drug (problems)," Schweiker said. "I think this is something we hide under the rug; that we forget and explain away. This is part of the parental gap today."

Schweiker made his comments on his monthly radio and television report to Pennsylvania. His guests were Arthur and Ardelle Shultz, directors of Today, Inc., drug rehabilitation program in Bucks County, Pa., and two "graduates" of the program.

Melanie Carson, one of the reformed addicts, cited group therapy as the most important factor in her successful bout with drugs. "That's why I'm still clean today," she said, adding that "encounter groups" helped her develop self-respect, integrity and self-esteem.

Schweiker said, "Peer group pressure may have gotten you involved in drugs, but it also got you out."

Also discussed on the program were the differing values shared by parents and children. Mrs. Schultz said, "Our generation was goal directed, but that is not enough for the younger generation. They've seen their parents achieve these things and it no longer has the same impact."

Mr. Schultz said one of the keys to the Today, Inc., program is convincing young drug abusers that "there is nothing wrong with being conventional. It is not a dirty word," he said.

SILVER MEADOWS
ARABIANS & RIDING SCHOOL

English and Western RIDING LESSONS at reasonable rates. Children and Adults.

All lessons private or semi-private. Indoor and outdoor rings. Gentle horses and ponies.

We invite your inspection of our excellent facilities. Inquire about our Summer Horsemanship Day Camp.

MR. & MRS. JOHN CHRISTENSEN

Elizabethtown Road, Manheim, Pa.
Phone 665-3983

Study Shows Yews Need Sun

One of the most popular ornamental evergreens grown in Pennsylvania, the Thayer yew, requires sunlight more than fertilizer to produce adequate growth, according to five years of studies by Dr. James E. Brewer, assistant professor of ornamental horticulture at The Pennsylvania State University.

Regardless of fertilizer treatment, increase in stem diameter was greater in full sunlight than in shade. Dr. Brewer and associates found that no reasonable amount of nitrogen would overcome this situation. Nitrogen was applied at rates of 200 and 600 pounds per acre. The young yews also received 100 pounds of phosphorus per acre. The young yews also received 100 pounds of phosphorus per acre and 50 pounds of potassium.

While the yew should be started in partial shade in a plant nursery, Dr. Brewer suggests that plant nurserymen remove shade from seedling yews as soon as possible. In this manner the Thayer yew can grow to saleable size in sunlight as rapidly as possible.

The Penn State researchers found that winter damage was greatest among plants receiving 600 pounds of nitrogen per acre. Entire branches and sometimes entire plants were killed by winter injury where 600 pounds of nitrogen were used per acre.

Since the amount of nitrogen used in these studies was purposely very high, the results should warn growers to be cautious in attempting to "push" yews by applying heavy rates of nitrogen, Dr. Brewer suggests.

He says the various cultivars or varieties of yews have increased greatly in popularity during the past 25 years. As a result, they are now grown in large quantities throughout the Commonwealth. Yews have become one of the most popular evergreens because of their rich, dark green, needle-like foliage and a variety of growth forms. They also tolerate shade, a feature not common to many shrubs.

Representative To Club Congress Named By E-town-Donegal Club

The Elizabethtown-Donegal 4-H Community Club met recently at the W. I. Beahm Junior High School. The meeting was called to order by the vice-president, Jeff Swarr. He led the Club pledge.

Roll call and minutes were read by Judy Stoltzfus, assistant secretary. The treasurer's report was given by Darwin Nissley.

Baseball captains were elected. They are Chris Erb and Richard Yuninger.

Club Congress representatives are Wayne Erb, Darwin Nissley and Judy Stoltzfus. Club Congress will be held June 25-28 at Penn State.

Rachel Brubaker was elected secretary.

After the meeting was adjourned the Club was entertained by Harold Kready, who showed films of his traveling experiences

The next meeting will be held May 31 at the home of Roy Sauder, Mount Joy.

Judy Stoltzfus
News Reporter

The Old Timer

"It's a great pity there isn't a pesticide available for controlling the litterbug."

WE HAVE A BIG SELECTION OF GOOD TRACTORS

A.C. TRACTORS
D15, 3-D17, 3-D19, D21, 2-170, 3-180, 2-190XT

M.F. TRACTORS
50, 65, 2-165, 1100, 1130, 175, 180

FORD TRACTORS
3000, 2-4000, 5000, 850 with loader

CASE TRACTORS
530, 2-730, 830, 3-930, 2-1030, 770-NEW, 1090, 1170

IMPLEMENTS

OLIVER TRACTORS
55, 2-70, 1600, 1650, 1750, 1850, 2-1950, 4-1855, 2150

J.D. TRACTORS
G, 520, 620, 2-730, 1010, 1020, 6-2510, 2-2020, 3-3010, 2-3020, 3-4010, 4-4020, 5020, 420

FARMALL TRACTORS
856, Cub, M, MTA, 240, 300, 2-340, 2-450, 460, 544, 2-656, 4100

CORN HEADS

COMBINES

OTHER TRACTORS
D.B. 990
D.B. 1200

!! LOTS OF INDUSTRIAL EQUIPMENT AND TRUCKS IN STOCK!!

A COMPLETE LINE OF PARTS AND SERVICE

WENGER'S FARM MACHINERY, INC.

SOUTH RACE STREET,
MYERSTOWN, PENNSYLVANIA

PHONE
717-866 2138

BACKHOES and Payloaders FOR SALE

Terex Articulated loader
Michigan 125 Payloader
Michigan 175 Payloader
(2) Hough payloaders
Case W9 payloader
Lorain payloader
(2) Case 1537 Uniloaders
(2) Melroe 600 bobcats
(3) Melroe 500 bobcats
Owattona Mustang
Universal Uniloader
Int 3200 Uniloader
New Case 580CK loader backhoe
Ford Major loader Backhoe
3-Case 580CK loader Backhoe
4-Case 530 CK loader Backhoe
Case 680CK loader
Ford 4500 loader Backhoe
Ford 3400 loader Backhoe

MORE ARRIVING DAILY

WENGER'S FARM MACHINERY, INC.

So. Race St.
Myerstown, Pa.
Ph. 717-866-2138

CRAWLERS FOR SALE

2-Cat 955 - 12A loaders
Cat 955 Pedal Steer loader
J.D. 420 loader
Cat 955 H loader
Cat 933 loader
Cat D4 dozer
2-J.D. 450 loader and backhoe
J.D. 350 dozer
J.D. 420 dozer
2-Int. 150 loader
Int TD340 loader
Int. TD340A loader
Int. TD9 dozer
A.C. HD7 loader
2-A.C. HD5 loader
Case 800 loader
2-A.C. H.D. 6 loader
J.D. 440 dozer
Int TD9 loader
A.C. HD4 loader
LOTS MORE

WENGER'S FARM MACHINERY, INC.

So. Race St.
Myerstown, Pa.
Ph. 717-866-2138

Mail Box Market

For Sale - Flat trailer, 3½' x 8' on rubber $10. Phone 626-7652

For Sale - Registered Holstein Bulls, Service Age, Sired by Ivanhoe Star and other Atlantic Sires. Records on all dams. Also straw. Call 786-3591

For Sale - Liquid fertilizer attachment for 4-row John Deere corn planter, like new, Phone 626-5532

For Sale - L-152 International truck, 8' x 16' steel flat bed; AC-WD tractor, rebuilt engine; 8' sprocket type cultipacker; 16' aluminum boat. Phone 717-464-3883

For Sale - One purebred male Eskimo pup, 7 weeks old, $15.00 John L. Beiler, Box 202 RD1, Christiana, Pa., ¾ mile east of Andrews Bridge.

Wanted - Engine bracket and belt tightener for New Holland 69 baler. For Sale - Building stone from old stone house. Daniel K. King, Quarryville RD3

For Sale - Goldens and Silvers Pheasants, also Bantams Gray Raccoons Cubs. Evan F. Gress, Rt. 2, Denver, Pa. 17517, Phone 215-267-5732

For Sale - McCormick Deering corn planter without fertilizer attachment, good condition. Joseph K. Glick, Christiana RD1, Pa.

For Sale - English Setter puppies. Phone 354-0476

Mail Box Market

For Sale - 12 ton of ear corn, no mold, some nubbins, make offer. Wanted - Gentle pony, saddle and bridle, also backhoe in working condition. Phone 285-5296.

Gor Sale - 16 feeder pigs; Also 6 open gilts $90.00 Phone 626-7665

For Sale - Charolais breeding bull, 1½ year old. Phone 464-2894

For Sale - 12 Holstein Heifers, 1 year and under. Phone 733-8381.

Wanted - Farmall Super A must have hydraulic lift and PTO, state age, price and condition. Phone 301-438-3261 between 12:15 and 1:00 P.M.

Help Wanted - Man or opportunity for ag student work on Chester County farm for Summer, crops only, handle latest equipment, excellent experience, room and board, modern house, will consider married couple. Phone 215-561-1813, 9 to 5 P.M.

For Sale - Surge 50 lb. milker unit with jet flow inflations, good condition. Also 1 used Conde milker unit. Roeun ducklings, place order. Daniel Beiler, 78 S. Maple Ave., Leola, Pa.

For Sale - 1 Sorrel work horse choice of 3. Christ L. Beiler, Ronks RD1, South Weavertown Road.

For Rent - Storage space for misc. items such as furniture, lawn mowers, snowmobiles, cycles, etc. Good barn near Silver Springs. Call 285-5649 after 4 or Saturdays.

For Sale - Clean and graded farm fresh brown eggs. 1 mile east of Strasburg Railroad along 741. Jonathan S. Esh.

For Sale - Allis Chalmers corn planter. Phone 529-2432

Mail Box Market

For Sale - 15 KVA Power-take-off Generator, good condition. Large cast iron boiler with oil burner. Circulators, $20. each, window sash, 6 lite, 9 lite. Phone 665-3786

Wanted - DeLaval No. 75 milker pump. Airline for milker pump. Also farrowing crates. J. Lukens Hutchison, West Grove, Pa. 19390, Phone 215-869-9777

For Sale - New 7 ft. Haybine, New Holland, Best offer. Alvin S. King, Leola RD1, Pa. 17540

Wanted - Steel wheels for New Idea side delivery hay rake. Write Jacob K. Esh, Box 162 RD3, Furnace Road, Quarryville, Penna. 17566

FREE Watch Dogs. Phone 665-6577

For Sale - John Deere 730 Diesel with 3 pt. hitch $2750. John Deere 420 Gas tractor with 3 pt. hitch and cultivators $1000. Phone 717-944-5029

For Sale - Allis Chalmers hay crusher, excellent condition, rubber and steel rolls. Phone 687-7309

Wanted to Buy - Good used chain saw with 24" bar. Phone 656-9548

For Sale - 5 year old off side work horse. Also 5 year old riding and driving horse. Harry Reiff, Glen Brook Road, Leola, Pa.

For Sale - Electric milk cooler, 8 door front opening with motor. Samuel K. Stoltzfus, Kinzer RD1, Box 147, along Peters Road.

For Rent - 6½ acres of pasture located 1 mile east of Strasburg. Phone 687-6361

For Sale - John Deere 3 section harrow like new. Also 12 head open Gilts ready for market 1st week in June, Yorkshire-Duroc Crossbred. Levi S. Nolt, Leola RD1, Phone 656-9565

Mail Box Market

For Sale - Seven bred Heifers due Summer and Fall. Samuel S. Lapp, RD1, Gordonville, Phone 354-7739

For Sale - 1964 International 900 series pickup; 1964 cab over 200 Y tag. Phone 653-5775

For Sale - 1962 Buick Electra, good condition; 1964 motorcycle 160 cc. Hershey tobacco planters; New Idea horse planter, one row Stauffer. Phone 733-8708.

For Sale - 200 gallon drum type sprayer with new pump. Call 717-862-3344

For Sale - Decent Clover hay, $40.00 per ton at farm. Phone 684-3960

For Sale - 3 bottom MM plow with 3 pt. hookup, like new. Phone 354-9715

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For Sale - Favorite Manufacturing Co. having rabbit cages used less than 6 months. Two 8 cage units, one 4 cage unit, some singles. Complete with no dust feeders. Also automatic dew drop waterers for 24 cages, complete and J feeders and water bowls. Call 717-529-2314

For Sale - Border Collie Pups, 3 males available, born Mar. 6, Registered, parents work certified, farm raised, from imported stock. Phone 717-548-2156.

For Sale - Seasoned round locust posts 6' 10" long. Smaller locust posts suitable for electric fence. Hoopes T. Yarnall, Box 176, RD1, Oxford, Pa. 19363

For Sale - Alfalfa hay, good for horses or Heifers, $34.00 per ton in barn or $40.00 delivered. Phone 656-9632

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9,700 lbs. milk production 430 lbs. of fat

Opportunity to have percent of milk check plus part ownership of herd through working agreement house will be supplied plus salary

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WE'RE INVITING YOU TO A

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ON MAY 15, 1973

To be Held at our Place of Business. Starting at 7:30 P.M.

We will Explain the Better System of Harvesting to Help You Get the Maximum Return on your Crop.

We Promise the Meeting will be Over by 9:00 P.M. Factory Representatives will be present.

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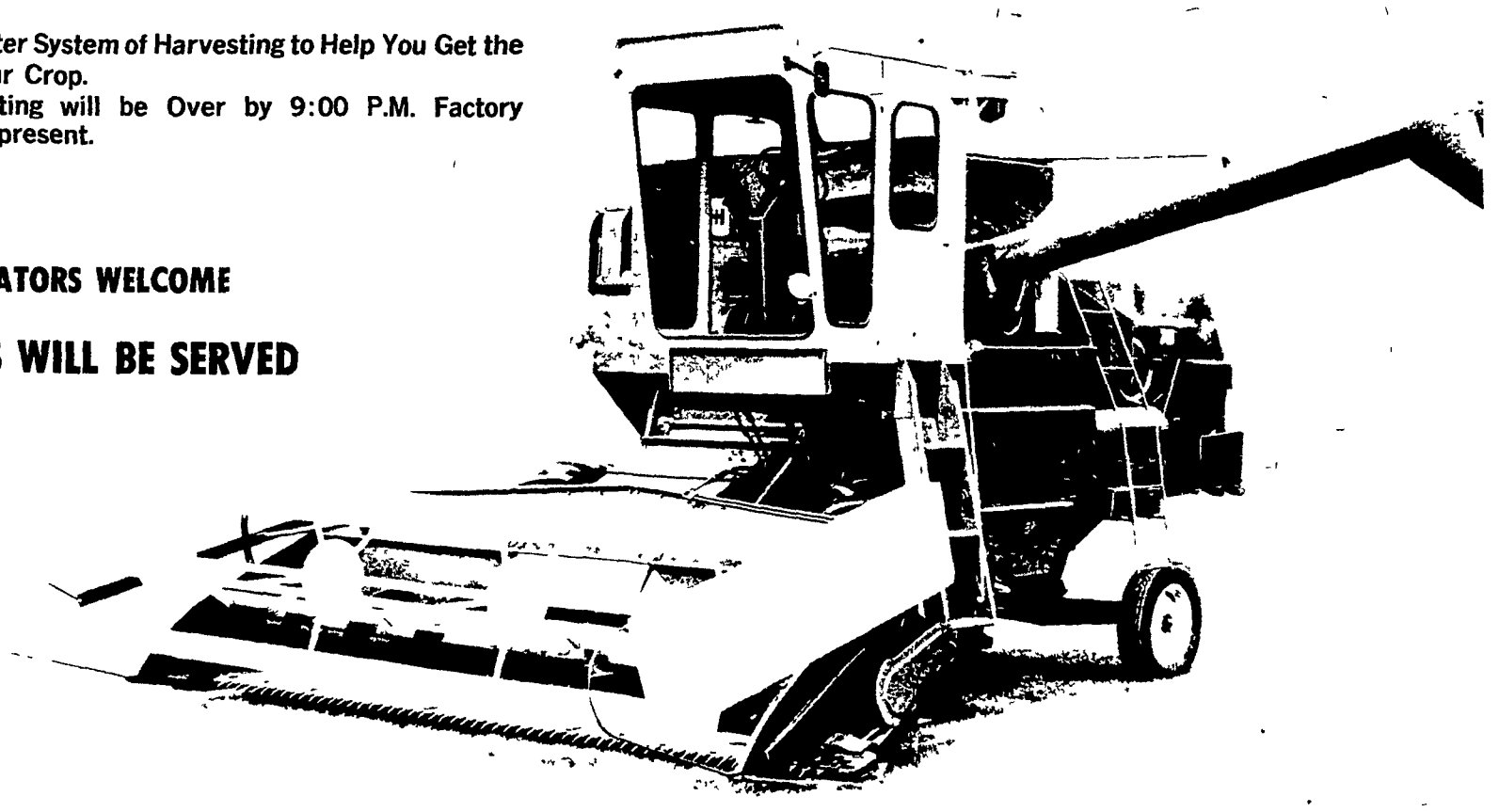

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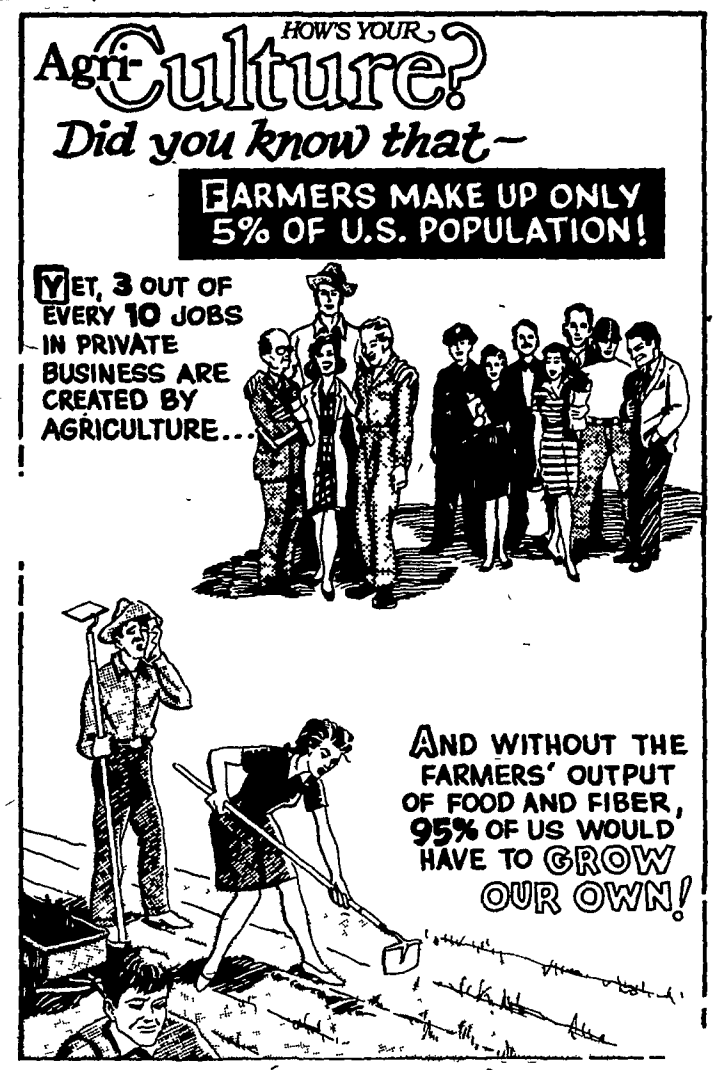
Mail Box Market

For more information on Trojan Seed Corn call Eugene Hoover, Lititz RD3, Phone 717-569-0756

Mail Box Market

Wanted to Buy - Herd of Holstein Dairy Cows ready till July. Phone 215-445-5734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For Sale - Ear corn bred Heifers due July, August and September. Phone 684-8690

For Sale - Good used rear Firestone Tractor Tire, size 18.4 x 34. Reasonable. Phone 717-528-4223

Wanted - Dairy farm for 50 head. Roger Tucker, RD2, Mohawk, N. Y. 13407

For Sale - Registered Hampshire and Yorkshire Boars and Gilts, also Crossbreed Gilts. Preston Bankert, RD3 Red Lion, Pa. Phone 244-1244

Export Sales Report Program Proposed

The U.S. Department of Agriculture announced proposed plans to begin in June issuing weekly reports of grain and soybean export sales.

Reports of wheat by classes, corn, grain sorghum, soybeans, and barley would be issued by USDA's Statistical Reporting Service (SRS) based on data voluntarily submitted by export companies. These reports would provide more timely information than now available, assist producers and export firms in maintaining an orderly marketing situation, and aid government officials in policy and management decisions.

SRS plans to publish, probably on Tuesdays, total export sales for each commodity made during a specific week.

Every fourth week the report would carry cumulative totals by marketing year of shipment and general destination--Western Hemisphere, Western Europe, Eastern Europe including USSR, Africa and the Near East, and Asia and Oceania.

The elapsed time between date of sale and its appearance in a published summary would be about three weeks. For example, sales made during June 3-9 would be reported by the exporter to SRS by June 22 and would appear in the June 26 release. This schedule was recommended to prevent jeopardizing sales or compromising the confidentiality of information submitted by individual firms. Data furnished by export companies will be kept strictly confidential and used only in compiling summary totals.

SRS has sent letters to grain and oilseed exporters and other interested parties soliciting their views before implementing the proposed reporting program. Copies of the letter and tentative reporting forms are available from SRS, U.S. Department of Agriculture, Washington, D.C. 20250.

Miscellaneous

CHICKEN HOUSES INSULATED WITH SPRAYABLE URETHANE FOAM. All types of construction. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724. After 5:00 P.M. call 872-2233.

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WOOD SHAVINGS. Ideal for work-ways and bedding. $12 per ton Can be delivered in bulk loads of 10-12 tons. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-658-6811.

For Sale - Fence Posts. Phone 717-786-2146.

Help Wanted

Salesman familiar with agricultural equipment to sell dairy equipment in local area directly to the farmer for local manufacturers of dairy farm equipment. Expense allowance and very high income potential in excess of $300 per week with no overnight travel. Send resume to: Doug Johnson Industries, Box 12A, RD3, Elkton, Md.

Sell animal health and farm supplies on established route for one of America's fastest growing animal health corporations. Guaranteed salary, commission, liberal benefits. Call (AC) 717-764-6666; after 5:00 P.M. 717-266-3197

Lady or couple to live in and care for elderly man. Light house work. Will provide room and board plus salary. Write Box 266D, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Have several openings on both 1st and 2nd shift for feed mill production workers. Apply Allied Mills, Inc., 3349 Hempland Road, just off Centerville Exit Route 30 Bypass. An equal opportunity employer.

Man needed for lawn, garden care, 1 day each week, own transportation, Eden area. Call 397-9735

Wanted - Reliable man for truck driving, some farming work. Good wages, house with conveniences, near churches. Apply-Gutman Farms, Codorus, Pa. 17311.

"Employment training for handicapped people - Mentally, Physically, Emotionally and Socially Disadvantaged. If you have not been able to keep a job in the past year because of your handicap, you are eligible for Goodwill Vocational Training. For information call 394-0647 and ask for Miss Burkholder."

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For Sale - 105 acre farm located in Spruce Hill Twp. Juniata Co. House and barn just re-modeled. Call after 5 P.M. 717-527-2235.

Wanted - 4 to 6 acres of woodland in Lancaster County with or without buildings for lease-purchase. Call 397-4641.

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Wants to Buy - Registered Holstein Heifer Calves. Phone 872-4058

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Chester White Boars - heavy boned, good muscling, low backfat. Herb Schick, R. 2, Kutztown, Pa. Phone 215-285-2126

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

Wanted to buy - 300 lb. to 500 lb. Holstein Heifers. Also short bred heifers. Must be good quality. Robert E. Church, Woodburn, Ky. 42170. Phone 502-529-2181

Help Wanted

Wanted - Man for modern Dairy farm. House, utilities and extras. Time off. Phone Lebanon exchange 273-8380.

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Use your farm skills with us. We need help with slaughtering and general labor in our new plant.

Call Mr. Carlson
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Lancaster, Penna.

Livestock For Sale

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut, Manager. 717-768-8378.

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Wanted - Farmers and Dealers to consign their surplus dairy cows and heifers to my dairy sale. Receive top dollar at liberal commission. South Central Pennsylvania. Write Box 266E, c-o Lancaster Farming, Lititz, Pa. 17543

Need Extra Income? Raise hogs on contract. Phone 717-442-4632 daytime

Trucks

For Sale - 1960 Chevrolet two-tone truck two speed axle 14 foot steel dump body. Will sell hoist and body separate. Call 862-3372 George Knight, Airville, Pa.

For Sale - International A.C. 180 stake body truck with hoist, cattle rack and grain sides, 26,000 gross. Brooklawn Farm. Phone 569-1580

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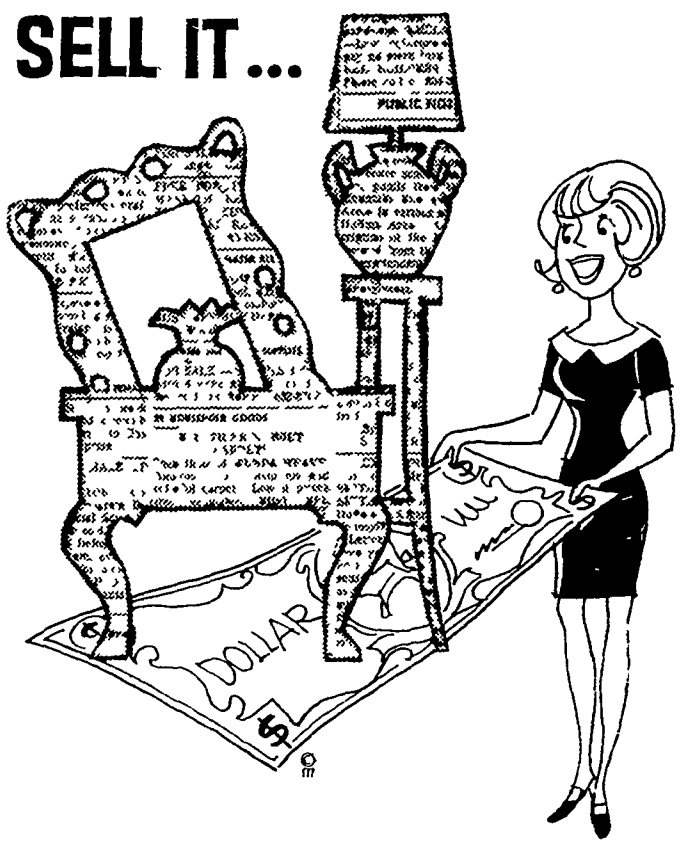
Custom Silo Filling of haylage and corn. Preston Lefever, Jr., Phone 786-3747



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For Sale - Owatonna Model 100 Grinder Mixer, used 2 years, like new $1700. Christ F. King, Christiana RD 1, from Ninepoints to Andrews Bridge turn right off Rte. 896, first farm left.

New and used Wooden Silos sold, built and rebuilt; Lancaster fill pipes and spreaders installed on any type silo, roofs, tec. Write for prices. Daniel S. Stoltzfus, Narvon RD2, 17555, Phone 354-5181.

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Used Bulk Milk Tanks
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6 Bou-Matic Pipeline Units with Electric Pulsation Timer.
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700 gal. Esco. good cond., with compressor.
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M & R Grain
Shelled Corn For Sale
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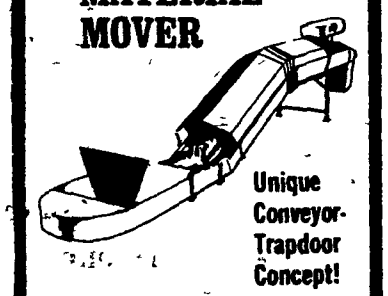

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Allis Chalmers 160 Diesel Tractor, very good condition.
Oliver Combine Model 431 with 12 ft. grain head.
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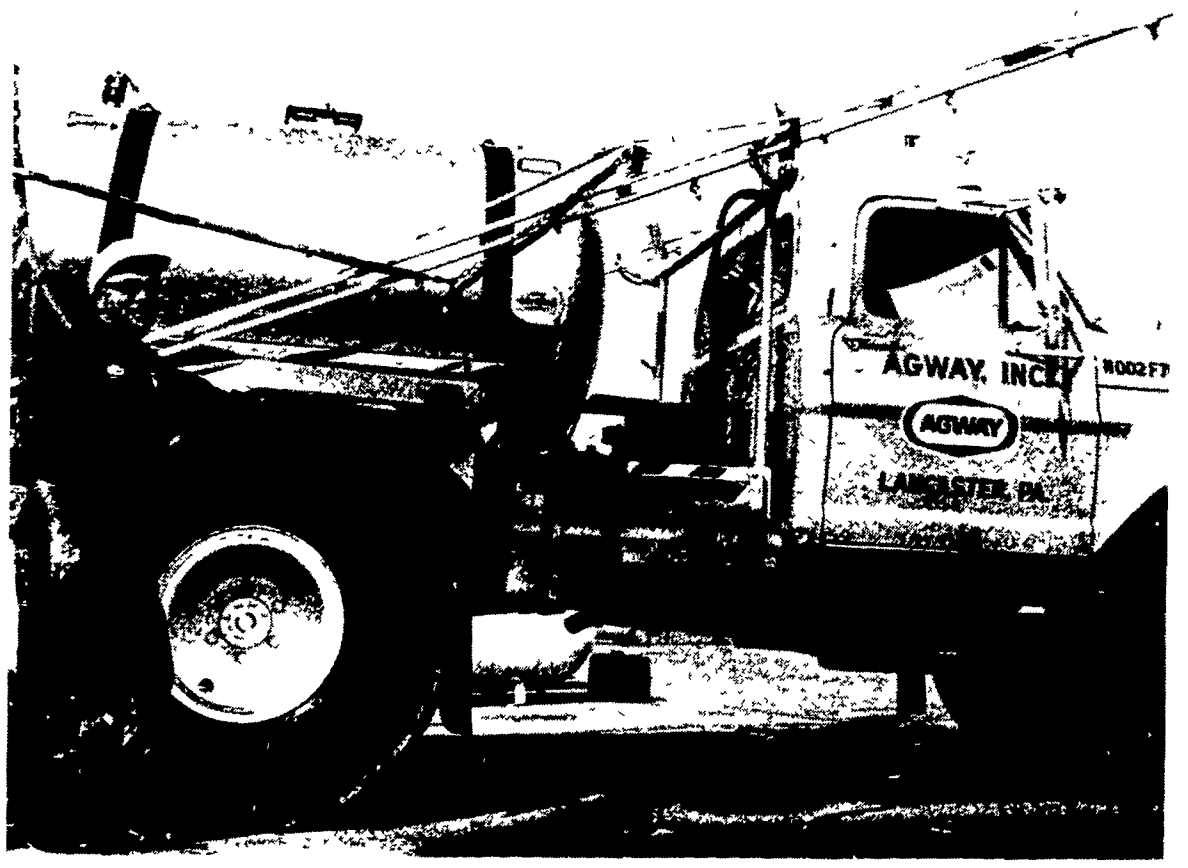

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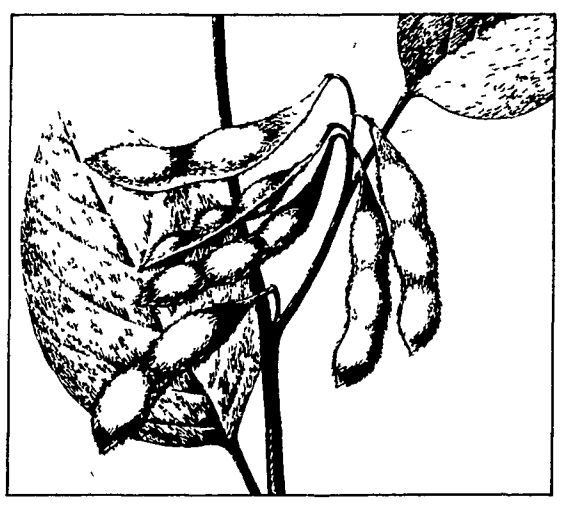

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